RISE N SHINE BIOTECH PVT. LTD

Datta Prabha, Ganeshwadi, A.P. Theur, Tal. Haveli, Dist. Pune

Model Entrepreneurship and Leadership Development Programme for Horticulture Entrepreneurs Desirous of applying to Schemes of National Horticulture Board

Crop / Activity	**Protected cultivation of Flowers**

2019-20

Become Entrepreneur	
	Lead Change and Innovation
Be creative	
	Lead Profits

RISE N SHINE BIOTECH PVT. LTD,

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Training Programme Name	**Entrepreneurship and Leadership Development Programme of Horticulture for Protected cultivation of Flowers : Rose, Carnation, Gerbera, , Anthurium, Lilium, Chrysanthemum & Orchids (Dendrobium/ Cymbidium etc)**

Introduction: Indian floriculture market was worth Rs 130 billion in year 2017 it has been projected to reach 394 billion by 2023 at CAGR of 20% during 2018-2023. GOI has identified as sunrise industry and accorded it 100% export oriented status. Owing to steady increase in demand commercial floriculture has emerged as Hi-Tech activity taking place under controlled climatic conditions inside greenhouse. The liberalization of industrial and trade policies paved the way for development of export oriented production of cut flowers. Floriculture crops like Rose, Carnation, Gerbera, Anthurium, Lilium, Chrysanthemum & Orchids (Dendrobium/ Cymbidium etc) **etc** are grown in greenhouses. Total flower production include 2392000 MT from 306000 Ha during 2016-2017.

National Horticulture Board, an autonomous organisation under the Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India has been promoting and developing commercial horticulture in the country since 1984.Appreciating both the challenges and prospects of commercial horticulture, so as to mitigate constraints and risks and maximise benefits and net income, NHB has taken a number of initiatives viz., Model Detail Project Reports, conducting both awareness and technical workshops and simplification of scheme implementation process. One another measure taken up is encouraging farmers, entrepreneurs and applicants desirous of availing benefit under its schemes to have requisite entrepreneurship and leadership by undergoing a 06 days training programme at one of the best training institutes recognised by it.

Rationale for the Training: NHB projects are credit linked and back ended and are capital intensive running from several lakhs to several crores. In addition these involve good documentation and time bound activities on the part of promoter, banker and other stakeholders. So endeavour should be to ensure that the project is successful by all means be addressing all possible risks. Over the years it has been observed by NHB that most of the promoters of NHB projects are not having the required understanding of scheme documentation, time bound activities and lack knowledge and skills of handling the project themselves and thus become subjected to vagaries of others ignorance and omissions and commissions. The result is a number of projects have failed or became ineligible for subsidy consideration. Thus so as to rule out any these omissions and commissions and risks, NHB has made it mandatory for every applicant to undergo a 06 days training programme at one of the NHB recognised /approved institution, with a goal of zero rejection of a project for which IPA is issued.

Importance of Project: Crop / Activity: Global/National/State and role in horticulture development

Name of Activity
Protected cultivation of Flowers- **Rose, Carnation, Gerbera, , Anthurium, Lilium, Chrysanthemum & Orchids (Dendrobium/ Cymbidium etc)**

Profile of the Institute:

RISE N SHINE BIOTECH PVT. LTD

Datta Prabha, Ganeshwadi, A.P. Theur, Tal. Haveli, Dist. Pune

About Us:-

Rise n‘ Shine Biotech Pvt. Ltd is a DBT, DSIR & ISO 9001- 2015 certified company, located in Pune, Maharashtra. Our Prominent International Collaboration is with the World’s top leaders in Floriculture like Dummen Orange, Netherland for Gerbera, Carnation Chrysanthemum, Limonium, etc., Montiplanta, Portugal for Gerbera, Darwin Plants B.V, Holland & USA for Perennials, Kultana Orchid, Thailand for Orchids, VCI, Netherlands for Liliums, Corn & Bak, Netherland for Bromeliad, Bock Bioscience, Germany for Phalaenopsis, Ginosar, Israel for Banana etc.

A comprehensive quality assurance program at every stage of procurement, manufacturing, packaging and distribution ensures excellent supply chain management and maintains global quality standards.

A group of highly skilled, experienced and motivated professionals is the driving force behind Rise n' Shine.

Rise n’ Shine is one of the leading plant tissue culture company, promoted by a team of experienced professionals

Rise n' Shine has an ultra - modern tissue culture laboratory which is spread over an area of 145,000 sq. ft. and is loaded with hi-tech equipments.

We have a capacity of more than 40 million plants per annum and produce multiple crops like Banana, Gerbera, Carnation, Spathiphyllum, Lilium, Cordyline, Alpinia, Anthurium, Orchid, Limonium and Strawberry etc.

RISING Principles

We focus on providing integrated solutions in the area of Biotech, Floriculture and Horticulture that contribute exponential growth in the field of Biotechnology.

SHINING R&D

Rise n' Shine has a full-fledged international standard Research & Department with 6600 sq. ft. of laboratory space, operating within the premises.

Hygiene standards and sanitation level ensure the contamination free "Clean Box" with computerized real-time monitoring control. We have world-class equipments that help in meeting global standards.

Floriculture

Rise n Shines business alliance has encouraged the company to realize its ambitious growth globally. Rise n' Shine supplies micro propagated plants and flower bulbs to various countries. We have been catering to ever growing global demands with the cultivation of cut flowers for export markets.

International Collaborations

- Collaborated with world's largest vegetative propagation group, Dummen Orange from Holland, Netherlands for Gerbera, Carnation, Chrysanthemum, Limonium etc.
- Authorized propagator & distributor for Montiplanta LDA (Gerbera)
- Authorized distributor for Kultana Orchid
- Authorized propagator for Darwin Plants

Horticulture

Rise n’ Shine is a DBT certified registered under (NCS-TCP) Department of Biotechnology Government of India. Our Banana Plants are of the best quality, high yielding virus free plants- available round the year.

We also provide expert technical guidance to the farmers. Rise n' Shine is producing export quality Tissue culture Banana plants with true to type mother plants source from Ginosar Israel. Rise n' Shine also provide additional support to Indian farmers for domestic fruit market under its own brand name.

Corporate Social Responsibility

Rise n' Shine is highly committed to corporate social responsibility and has been empowering woman. More than two third of companies work comprised of women. There is learning involved at every stage. Women are trained personally by CMD Mrs. Bhagyashree Patil.

We also conduct a wellness program for the working employees. A well designed holistic approach that includes spiritual orientation with Yoga being practiced to encourage health awareness.

Rise n’ Shine endeavours to make a positive social contribution with various other social activities that include:

- Organizing Medical check-ups once a month for the working force and staff. The medical check-ups are fully sponsored by Rise n’ Shine.
- Conducting weekly Yoga classes to improve health awareness.
- Books and uniforms are distributed annually to students from nearby schools thus encouraging them to study.

SHINING Accessibility

Rise n’ Shine is located at Theur near Pune is- a progressive farming belt of Maharashtra. The location provides excellent accessibility to Mumbai the economical capital of India.

The location offers seamless transportation conditions and maintains the consistency in logistics.

THE GENESIS:

There has been a paradigm shift in the sector of protected cultivation of high-value flowers and vegetables with advent of small and marginal farmers taking active participation in horticulture, which was earlier considered to be a forte of Corporate Houses.

Considering the newly introduced technology of protected cultivation in India there was a growing need to meet the demand for organized practical training in the field of horticulture. Anticipating this prerequisite, Maharashtra State Agricultural Marketing Board (MSAMB), the visionary organization, was convinced that the only way through which the Indian produce will gain global acclamation and acceptance would be by providing the best knowledge, practice, and technology to the farming community.

RNS is located at a distance of 25 km north of Pune, in the picturesque ambiance of Theur village. RNS is providing practical training in the field of protected and open field cultivation of flowers, vegetable, and fruit crops, round the year, which is well equipped with latest cutting-edge technology, infrastructure and trained faculty to provide such specialized practical training. Other customized training program in the field of organic farming and standardization of cultivation practices of aromatic/medicinal plants will also be offered in the near future.

MISSION:

To offer scientifically tested laboratory to farm solutions using cutting edge research and the latest technology & practices.

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VISION:

To be a renowned global player in Biotechnology, floriculture and Horticulture sectors by continuously bench marking our products and services with global standards.

We are Committed for quality Products and customer satisfaction.

1. Competent Faculty:

SN	Name of Faculty	Designation	Qualification	Expertise	Experience in years
1	Mr. Shravan Kamble	General Manager	M. Sc (Agri),	Greenhouse/Shade net house Construction, Crop protection, Irrigation and Fertigation**,** Flower Cultivation	20 years Professional and Teaching, on field training Experience in the field of Protective Cultivation
2	Mr.Atul V Ghodake	Manager	B. Sc (Agri)	Greenhouse/Shade net house Crop protection, Irrigation and Fertigation**,** Flower Cultivation	10 years Professional Experience in the field of Protective Cultivation
3	Dr Priya Marie Chacko	Manager	M Sc Ph.D	Greenhouse/Shade net house Crop protection, Irrigation and Fertigation **,** Post Harvest and Marketing of Flower	19 years Professional and Teaching Experience in the field of Protective Cultivation
4	Mr.Dinesh Sitaram Labade	Manager	M. Sc (Agri) Ph.D pursuing	Crop protection, post harvest and IPM	10 years Professional &Teaching Experience in the field of Protective Cultivation
5	Mr Mahadev Chote	Asst. Manager	M. Sc (Agri) Ph.D pursuing	Greenhouse/Shade net house Cultivation, Irrigation and Fertigation	14 years Professional &Teaching Experience in the field of Protective Cultivation
6	Mrs Vidya Yogesh Chavan	Asst. Manager	M. Sc (Bio) Ph.D pursuing	Flower Cultivation, Post harvest Technology	10 years Professional and Teaching Experience in the field of protective cultivation
7	Mrs Leena J Chavan	Asst. Manager	M Sc (Microbiology) Ph.D pursuing	Greenhouse Management**,** Soil sterilisation	10 years Professional and Teaching Experience in the

					field of protective cultivation
8	Mr.Sangram S Patil	Sr Executive	B Sc (Agri) MBA	Greenhouse Constuction, Soil sterilisation and Bed Preparation . Post harvest management	6 years Professional and Teaching Experience in the field of protective cultivation
9	Mr Uday Patil	Manager	B Sc (Agri)	Greenhouse/Shade net house Construction, Crop protection, Irrigation and Fertigation, Flower Cultivation	18years Professional and Teaching, on field training Experience in the field of Protective Cultivation
10	Mr Sachin R Khemnar	Sr Executive	B Sc (Agri)	Greenhouse Construction, Soil sterilisation and Bed Preparation . Post harvest management	8years Experience in the field of Protective Cultivation.
11	Mr Sujit A Patil	Manager	C.A.	Banking Loan repayment Balance sheet	8 years in RNS account Dept.
12	Mr Prashant W Patil	Asst Manager	M Sc ((Biotech)	Plant pathology	15 years

Basic infrastructure and collaboration to be in place

INFRASTRUCTURE:

Located on **150 hectares** of land in the city of Pune the company has developed world class infrastructure, facilities and laboratories while maintaining strict protocols to ensure the highest standards in all respects. World class hygiene standards and equipment ensures contamination free 'clean box' with computerized real-time monitoring help to maintain high quality standards.

- Production capacity of more than 40 million plants per annum
- Gerbera, Carnation, Orchid, Spathiphyllum, Cordyline, Alpinia, Perennials, Anthurium, Banana, Limonium, Chrysanthemum, Strawberry, etc. produced.

1. **Administrative Building** – The administrative building of area 7317 sq. ft. is available which comprises of the offices of the Director, Principal and faculty members with administration and account department and reception counter.
2. **Classrooms and Demonstration Halls** – Unique design facilitating active interaction between the 'trainer' and the 'trainee'. Well equipped with modern Audio- Visual Aids, Operative Study Models, display boards and educational equipments including PPT facility. Computer center and conference room
3. **Laboratory Complex-** Rise n' Shine has an ultra-modern tissue culture laboratory with a spread of over 145,000 Sq.ft area with all hi-tech equipment's. Our dedicated laboratories and world class infrastructure produces high quality products. At Rise n' Shine, we follow incomparable practices and have maintained International protocols. Our laboratories encourage exacting standards of hygiene and sanitation to ensure a contamination free "clean box" with computerized real-time monitoring and

control systems. With production capacity of more than 40 million plants per annum, we produce variety of crops that include Gerbera, Carnation, Orchid, Spathiphyllum, Cordyline, Alpinia, Perennials, Anthurium, Banana, Limonium, Chrysanthemum and Strawberry amongst many others.

4. **Greenhouses –** Rise n' Shine believes in the importance of the GREEN HOUSE and does not compromise in maintaining international standards. The GREEN HOUSE area has a spread of over
   - 60,000 sq.mt area
   - Hardening facility within.
   - Temperature control system
   - Strictly adhered to by our industry experts.

5. **Library** – The state of art library with a digital section comprising a range of computers with internet facility. The library consists of latest issues of national and international books, journals, magazines, etc. There are separate enclosures /cubicles for independent study.
6. **Meteorological Station** - Provides climatological data to the climate control computer required for greenhouse automation. It is housed in utility building.
7. **Utility Building** – This building has the weather station & climate control computer, which also controls the fertigation systems in the greenhouses. It also houses the pack house, cold storage and pre-cooling unit equipped with post harvest equipments such as deleafing, grading machines etc. The building also has irrigation and crop protection classrooms with operative and cut models and exhibition hall cum vase life testing center.
8. **Soil and Water Testing Laboratory** - The laboratory is equipped with latest digital equipments for quick and reliable soil and water analysis. The reports are generated immediately accompanied by appropriate recommendations.

9. **Tissue Culture Lab -** The state of art tissue culture lab having the capacity of 45 million plants per annum has been set up. Good quality banana crops are produced in the lab. The production ornamental crops for export.

10. **Hostels and Dining** - Excellent accommodation for ladies and gents in well furnished rooms with a canteen serving Indian, Continental & Oriental cuisine. Total capacity of the hostel is around 150 participants.

11. **Plantations -** The entire varieties of flowers and vegetables, which can be grown under protected cultivation, are planted at RNS. Gerbera, Carnations and Roses are in soil and hydroponic. Nursery, Ornamental and Potted Plants in shade net.

    In the open field horticulture crops like Banana, Guava, Mango, Grapes, Coconut, Asparagus, Heliconia, , Hibiscus are planted.

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Has collaboration with entrepreneurs and Industry.

- The company has International Collaboration with the World's top leaders in Floriculture like:
- **Dummen Orange**, Netherland for Gerbera, Carnation Chrysanthemum, Limonium, Gypsophilla etc
- **Montiplanta LDA**, Portugal for Gerbera
- **Darwin Plants B.V**, Holland & USA for Perennials
- **Kultana Orchid**, Thailand for Orchids
- **Corn & Bak**, Netherland for Bromeliad
- **Bock Bioscience** , Germany for Phalaenopsis

Willing to provide internships with FPOs/ FPCs/entrepreneurs.

Yes, RNS is willing to provide internships with FPOs/ FPCs/entrepreneurs on chargeable basis.

Previous experience:

Training programmes Organised :

Continuously organising training programmes on request of farmers individually/ group wise whenever they require.

Objectives of Training Programme:

1. Knowledge: Ensure every trainee acquires adequate knowledge and understanding of NHB Scheme Operational guidelines, Annual design and procedure viz.
    a. Eligibility of applicant including definition of family, and project, the process and steps involved in the scheme implementation, timelines, Scheme cost norms, pattern of assistance etc. Calculation of Eligible Project cost, Eligible components for subsidy, NHB standards, Basic Data Sheet & Protocols to be complied for availing subsidy,; Crop / Project specific Model DPR Template, Terms and conditions of IPA, Do's and Don'ts for Applicants /Banks/NHB officials for IPA ,
    b. List of documents(enclosed)
    c. To acquaint with NHB website including registration and modes of online application, operation of online account and contact persons, helpdesk and grievance redressal.
    d. Subsidy claim process through Bank/FI and list of documents to be submitted along with claim, JIT process, JIT Format, Documentation, Circumstances to request for and consider Re-JIT& Post-JIT process.
    e. Formats of Agenda and check list used for processing subsidy claim.
    f. How to expand understanding based on the minutes of meetings of previous IC and PAC available on website. It helps the applicant to understand how decision on subsidy is being made.
    g. To know and appreciate specific Horticultural commodity / crop economic importance and potential of fresh commodity and processed / value addition commodity; Country and Global scenario and State/UT Scenario.

h. To learn / visit success stories / best practices including cluster development / FPOs; interact with successful entrepreneurs; and recognise key factors responsible for success and failure.

2. Personal leadership and skills development
    a. To explore leadership roles required in horticulture business and realign and recalibrate self with new knowledge, concepts and tools.
    b. Managing change and innovation and Taking charge and leading strategy.
    c. To learn/ improve IT/ social media and know how to benefit from Internet and newspapers/media.
    d. To improve leadership / social skills especially common informed vision, communication, team work, negotiation skills; with an exercise and success story.
3. Selection of cultivar, Technology to be adopted and Production practices for crop intensification and high productivity and ecological sustainability.
    a. How to select suitable variety/hybrid/cultivar and source quality planting material/ seed based on market demand and sustainability.
    b. Technology: Protection cultivation Technology-various kinds, customisation based on Agro-climatic condition, crop and pest and diseases profile; familiarisation of components and Mechanisation and Automation.
    c. To know scientific production, harvesting and post-harvesting practices, technology and management and Analyse gap analysis with that of the current practices, technology and management of trainees.
4. Harvesting, Post-Harvest Management practices, technologies and Infrastructure
    a. Time of Harvesting, Moisture level of the produce, post-harvest practices, cleaning, sorting, grading, packing, labelling, pre-cooling, storage and transportation.
    b. To be aware of Post-harvest and storage practices, protocols and technologies.
    c. To know required infrastructure- Supply Chain/ Cold Chain and Marketing infrastructure and Gap analysis to the context of trainees.

5. Processing and value addition
6. Marketing and value chain development
    a. To know value chain and document current value chain of trainees context.
    b. To know how to source inputs from reliable and quality sources economically and explore best way / place to sell.
    c. To know market based production concept; crop planning and preparing crop calendar.
    d. Analyse market prices of various markets and causes of instability. Document market efficiency and share of grower in consumer price realisation and possible way to minimise price spread.
    e. To know importance of branding and promotion.
    f. How to become an Exporter and know the roles of APEDA.
7. Cold-chain development both for Export and Domestic Markets
8. Producing quality produce: MPS registration will be taken into account Breeders rights
9. DPR for Flowers viz Rose, Carnation, Gerbera, , Anthurium, Lilium, Chrysanthemum & Orchids (Dendrobium/ Cymbidium etc) and their Project Management including Finance & Credit.
    a. To empower selection of crop based project based on Agro-climatic/soil/ water suitability, Market, Finance and Technical viability.
    b. To empower the trainees to prepare Detail Project Report of his/her project. In case it is already prepared with the help of external expert, the trainee is made to understand and critically analyse the same.
    c. To know about Banks/ Financial Institutions; Loan procedure-how to avail finance/ credit- challenges and prospects. Document difficulties in trainees context and facilitate in possible solutions on expeditious and easy access to credit.
    d. To know risks viz., including natural calamities in production and business and their management strategies including insurance schemes.
    e. To learn about Farm record book keeping.
10. Cluster development / Collaborative farming: What is cluster? Essential elements? To know importance of cluster approach,

11. Government organisations and Schemes related to Horticulture and laws to be complied.
12. Horticulture Statistics sources including DAC&FW website and State Horticulture Dept. website.
13. Technology and Entrepreneurship

Pedagogy: Training methods / styles are:

a. Lectures- with two way communication using Audio-visual aids, videos etc.
b. Group discussion
c. Panel discussion
d. Skill practice
e. Interactive field visits etc.

Outputs expected: (As on the last date of 6 days training)

1. 100% attendance of all Classes prescribed.
2. Daily studying of reading material provided.
3. Successful and timely completion of assignments.
4. A score a minimum of 75 % in final assessment by each trainee.
5. Knowledge: by each of the trainee
    a. Essential elements of NHB Scheme guidelines, documentation & processes and Do's and Don'ts, understanding DPR, Bank Appraisal and Sanction, identification of risks and vulnerabilities and measures to address the same, Processes and documentation of NHB scheme implementation for successful subsidy release.
    b. Essential elements of scientific and commercial Production, harvesting, post-harvest, Marketing, Exports etc. in English/Hindi/trainees' language.
    c. Documentation of analysis of current scenario of trainee's context-production, harvest, post-harvest, supply chain, marketing and gap analysis and possible road map.
6. Skills: by each of the trainee
    a. Curiosity and continuous learning.
    b. Crop: Modern scientific Cultivation, harvesting, post-harvest, food safety, traceability certification and standards.

c. Project: PHM&CC: Modern scientific operations, technology, safety etc.
d. Familiarisation of Technology, Standards, Protocols and hands on experience.
e. Good understanding of DPR and Project Management:
f. A 3 year Strategic action plan: A Year to Year strategy for 3 years to achieve set goal in 3 years- for improved production & productivity with economy, modern harvest, post-harvest practices, infrastructure, marketing and organisational systems for improved incomes.
g. Problem solving- to solve existing problem being faced by the trainees.

7. Attitude: developing confidence and leadership to successfully complete NHB project timely as per NHB norms, specifications/standards, protocols etc.
8. Networking with various Government and Non-Government Agencies and mentors.
9. To know various schemes and future useful training programmes across the country.

Outcomes expected (in 18 months)

1. The proposed training completed Successfully with right technology and processes complying with all NHB Scheme requirements.
2. Cost of production reduced; crop health improved, productivity increased & losses reduced.
3. Food safety Improved, certification / standards compliance
4. Quality infrastructure created.
5. Profits/ net income increased.

Programme in Brief

<table>
<tr><td>Training Programme Name</td><td colspan="4">Entrepreneurship and Leadership Development Programme for Horticulture for Protected cultivation of Flowers Rose, Carnation, Gerbera, , Anthurium, Lilium, Chrysanthemum & Orchids (Dendrobium/ Cymbidium etc)</td></tr>
<tr><td>Duration</td><td colspan="4">6 working days: 1 Week (total day required : 7 Days including arrival ,departure and in between weekend holidays)</td></tr>
<tr><td>Participant Target Group</td><td colspan="4">Individuals desirous of availing NHB benefit under Scheme No.1 and also for those who want to improve their knowledge and leadership in protected Cut Flower cultivation.</td></tr>
<tr><td>Training Coordinator with Designation and Address Tel, Mobile and email id</td><td colspan="4">Mr.Dhananjay T Kadam
General Manager- Marketing
RISE N SHINE BIOTECH PVT. LTD,
Datta Prabha, Ganeshwadi, A.P. Theur, Tal. Haveli,
Dist. Pune
Ph. No.(020) – 66785700 Mobile No. 9767893555
Email: info@risenshine.in/ dhananjay@risenshine.in</td></tr>
<tr><td>Languages</td><td colspan="4">English/Hindi/Marathi</td></tr>
<tr><td rowspan="9">Training calendar for 2019-20</td><td>Month</td><td>Last date for Registration</td><td>Training reporting dates</td><td>Training Dates</td></tr>
<tr><td>September 2019</td><td>5th September</td><td>8th September</td><td>9th Sep to 19th Sep 2019</td></tr>
<tr><td>October 2019</td><td>3rd October</td><td>9th October (Morning)</td><td>9th Oct to 19th Oct 2019</td></tr>
<tr><td>November 2019</td><td>14th November</td><td>17th November</td><td>18th Nov to 29th 2019</td></tr>
<tr><td>December 2019</td><td>25th November</td><td>1st December</td><td>2nd Dec to 7th Dec 2019</td></tr>
<tr><td>January 2020</td><td>31st December</td><td>5th January</td><td>6th Jan to 11th Jan 2020</td></tr>
<tr><td>February 2020</td><td>10th February</td><td>16th February</td><td>17th Feb to 22nd Feb 2020</td></tr>
<tr><td>March 2020</td><td>5th March</td><td>8th March</td><td>9th March to 14th March 2020</td></tr>
<tr><td></td><td colspan="4"></td></tr>
<tr><td>How to Apply</td><td colspan="4">By E mail</td></tr>
<tr><td>Next review/ revision of Training Design</td><td colspan="4">February 2020</td></tr>
<tr><td>Batch size and cost and Payment system</td><td>Batch size</td><td>Course Fees</td><td>Hostel: Accommodation, Boarding: BF+L+D + Morning Tea +</td><td>Total cost for 6 days</td></tr>
</table>

			Afternoon Snacks	
	15 & above	INR 600/participant/day	INR 1000/participant/day	INR 9600/ participant
	10-15	INR 600/participant/day	INR 1100/participant/day	INR 10200/ participant
	5-10	INR 600/participant/day	INR 1200/participant/day	INR 10800/ participant
	<5	Not viable		
	Payment system and address: By NEFT/CHEQUE			
Enrolment	Is voluntary on the part of trainee and on his/her submission of willingness in writing to undergo training.			
Certificate	Upon successful completion of training with 75% marks in final assessment, the candidates are awarded completion certificate with marks.			
NHB & RNS Role	1. The training programme is voluntary for any individual or trainee. 2. The cost of training is to be borne by trainee him/herself. 3. The training is not sponsored by NHB nor by any Government. 4. Upon 100% attendance and upon scoring 75% marks is considered as successful completion and then are eligible for training completion certificate. 5. Successful completion of training programme by the applicant and submission of completion certificate is one of the requirement for obtaining In-Principle Approval (IPA). 6. It is compulsory to reside in the hostel/accommodation provided by the institute in the interest of training. 7. The training institute has no say in NHB decision making either in approval or rejection of IPA or sanction or not sanction of Subsidy. 8. Trainees are responsible for their conduct and wellbeing issues 9. NHB has no liability towards IPA and Subsidy release or non-release 10. RNS has no liability towards IPA and Subsidy release or non-release.			

Expectations from trainee before the arrival to the Training institute:

1. Study NHB scheme guidelines of all schemes with emphasis on specific component for which application is being/ is made including General conditions, Basic structure, Applicant eligibility, Technical standards, Basic Data sheet and Protocols, Budgetary allocation for his/her state/UT, Guidelines for submitting application, cost of application, various prescribed formats, FAQs, Dos and Don'ts, Agenda and Checklist, List of documents to be submitted both for Pre-IPA and IPA available in NHB website and as received in their online account.
2. Study one's own Detail Project Report along with Model DPR available in NHB website.
3. Visit NHB website and study various services available- especially Scheme guidelines, Model DPRs, Technical Standards, Statistics, NHB interactive, and Minutes of meetings (past), Public circulars to the extent possible.
4. Should see him/her self whether he/she is satisfying NHB Scheme requirements.

5. To cooperate with Horticulture Training Institute.
6. To share specific problems/ gaps / barriers in horticulture growth and profits in his area.

Material to be brought by each of trainee:

1. Hardcopy of application already submitted to NHB if any.
2. Hardcopy of DPR already submitted to NHB or prepared if any.
3. Hardcopy of Model NHB DPR if possible.
4. Hardcopy of copy of Dos' and Don't's, Agenda and Checklist, List of documents to be submitted.
5. Hardcopy of applicants' eligibility and General conditions.

Day wise schedule:

Session	Module	Learning	Expert
	Registration	**Registration** Prior-Assessment of knowledge, attitude and skills	
Day1 Session S1	Orientation / Inauguration	• General discipline in class room (Do's and Don'ts) • Every trainee to share their introduction with expectations. • Motivational Talk	Course coordinator RNS & Successful entrepreneur
Day1 S1	Economic / Marketing Potential and Specific State/ UTs context: Scope and opportunities and Success stories.	1. Greenhouse Flower Crop Origin, Botany and economic products of Rose, Carnation, Gerbera, , Anthurium, Lilium, Chrysanthymum & Orchids (Dendrobium/ Cymbidium etc) 2. Area, Production, Productivity, Prices & value. In context with India & state 3. Global: Area, Production, Productivity, Prices Export and Import scenario 4. Domestic market : Supply and Demand 5. Case study of success stories-2 6. Concerns for growers / entrepreneurs!	RNS Faculty & Successful entrepreneur
Day1 S2	Personal skills development	1. Lecture on soft skill development & leadership required in horticulture business	**Guest Faculty**
Day1 S2	NHB Scheme Guidelines, Annual Design and Processes of successful implementation and DPR, Bank Appraisal and Sanction of own Project	Group Discussion and Presentation by each group: 1.Scheme guidelines 2.Flow chart 3.Do's and Donts, List of documents to be submitted and Agenda and Checklist. 4.Technology standards/ Specifications etc. 5.Issues with Banks. 6.Common reasons for rejection of Projects at NHB. 7.Q& A on Queries.	**DD NHB**
	Quiz	Today's learning	
	Reading material for next day*	1. Study of NHB Scheme guidelines and come up with queries. 2. Reading material on protected cultivation technologies, components and erection. 3. Reading material on Agronomic practices.	
	Evening/Nigh Home work/ Assignment #	• Creation of Whats' app group of all trainees. • Joining of NHB crop specific/Project specific Whats' app group.	

Day1 S3	Media selection in protected cultivation	1. Cultivation Practices Rose, Carnation, Gerbera, , Anthurium, Lilium, Chrysanthemum & Orchids (Dendrobium/ Cymbidium etc)for soil, Agro climatic requirements , media preparation , soil and soilless culture. Media sterilization , Bed preparation 2. Media for Nursery/ seedling preparation	**RNS Faculty**
Day1 S3	Protected Cultivation Technologies	Types of greenhouses , Site selection, Layout & Design &Dimensions Structure Selection based on crop, location, climate, Foundation, Erection, Selection of cladding material, Quality norms of Greenhouse erection materials. Familiarise different components & equipment of GH/ Shade net etc, Climate Control in greenhouse – RH, Temperature, light, as per crop requirement, operation & maintenance, automation in greenhouses Cost and Economics of Protected cultivation, register keeping, Annual Maintenance Contract, insurance etc. Selection of fabricator, Do's and Don'ts	**RNS Faculty**
Day1 S 4	Visit to Poly house / Shade net/ Tunnel/ etc. & Agronomic practices regarding media preparation	Familiarise technology and components of protected cultivation, practical on erection/ fabrication, challenges and suitability. Collective erection of Poly house / Shade net /Tunnel.	**RNS Faculty**
		Agronomic practices:	
		• Soil & Water testing- PH & EC Concept, treatment and its importance. • Bed preparation and proper site/ field lay out / design • Fumigation & Mulching • Basal dose preparation • Plantation	**RNS Faculty**
		• Soil less Media in Protected cultivation: • Coco peat , Rock wool, Perlite, Vermiculite • Media Bag Selection • Soil and Soil less cultivation &Importance in Flower cultivation	**RNS Faculty**
	Discussion	Evaluation of Assignment and observations	
	Quiz	Learning on yesterday and today	
	Reading for	Crop Production technology under protected	

	next day	cultivation **of Rose Carnation & Gerbera**	
	Assignment for next day	Study difference between different types of greenhouse structures and its material	

*: TO be read in the night before attending next day class.

#: Are evaluated/tested the following day.

Day 2 **S.1 & 2 Sessions**	Crop Production Technology- Class room	**1. Crop production technology of Rose Carnation & Gerbera** 2. Planting – varietal selection, planting season, Spacing & important intercultural practices as per crops 3. Rose cultural practises – planting , mother shoot bending, initial structure development, pruning, regular bending , disbudding, hygiene and weeding, 4. Carnation important cultural practises – support system , pinching, guiding, disbudding hygiene and weeding, 5. Gerbera important cultural practises – disbudding , Raking of soil, removal of old leaves, opening of Crown	**RNS Faculty+ Guest Faculty**
S.3 & 4	Visit to Poly house / Shade net/ Tunnel/ etc.	Practical sessions including mother shoot bending, initial structure development, pruning, regular bending , disbudding, hygiene and weeding pinching, guiding, disbudding hygiene and weeding disbudding , Raking of soil, removal of old leaves, opening of Crown in Rose, Gerbera& carnation	**RNS Faculty**
	Discussion	Evaluation of Assignment and observations	
	Quiz	Learning on 3 days	
	Reading for next day	• Cultivation of Anthurium, Orchids &lilium • Bed preparation and support system in Anthurium, orchids &lilium	
	Assignment	Importance of Cultural practices like disbudding, bending in rose cultivation Significance of disbudding and pinching (1st and 1 ,5 pinching) in carnation Importance of disbudding and removal of old leaves in Gerbera	

Day 3 **S.1 Sessions**	Crop Production Technology- Class room	**1. Crop production technology of Orchid Anthurium Lillium Chrysanthemum** 2. Planting – varietal selection, planting season, Spacing & important intercultural practices as per crops 3. Orchids cultural practises – support structure, Media for orchid cultivation, bed preparation , imp cultural practices and hygiene 4. Anthurium important cultural practises – support structure, Media for Anthurium cultivation, bed preparation , imp cultural practices and hygiene 5. Lillium important cultural practises	**RNS & Guest Faculty**
S.2	Visit to Farm- of Farmer /Field visit to successful entrepreneur	6. Practical sessions including support structure, Media for Anthurium/ Orchid/ Lilium cultivation, bed preparation , imp cultural practices and hygiene	**RNS Faculty**

Day 3 S3	**Irrigation Management**	**Irrigation and fertilizer management in** Rose, Carnation, Gerbera, , Anthurium, Lilium, Chrysanthemum & Orchids (Dendrobium/ Cymbidium etc 1. Water requirement, water quality for irrigation, treatment, critical stages of crop , irrigation schedule 2. Irrigation system (Drip / foggers/ misters),design specifications , maintenance 3. Care to be taken in procuring inputs	**RNS Faculty**
Day 3 S3	**Nutrient management**	1. Fertigation-meaning, methods equipments. 2. Nutrient Management (Macro & Micro) 3. Role of nutrients, deficiency and toxicity symptoms 4. Use of organic Manures in protected cultivation including Bio-fertilizer: Vermi compost production- Identify correct species of earthworm, quality production technique, finances and market linkage, food safety issues etc. 5. Care to be taken in procuring input	**RNS Faculty**
Day3 S4	Visit to Poly house / Shade net/ Tunnel/ etc.& practical's regarding irrigation & fertigation	Measurement of water discharge from emitter, back flush of Sand filter/ disc filter/ Flush valve, pressure measurement at sand filter and in greenhouse lateral end	**RNS Faculty**
		Practical on Fertigation equipments, measurement of PH and EC of fertigation Solution and Drain water, preparation of A,B & C tanks, Fertigation in Soil and soilless culture	**RNS Faculty**
	Discussion	Evaluation of Assignment and observations	
	Quiz	Learning on yesterday and today	
	Reading for next day	Crop protection in protected cultivation	
	Assignment for next day	Prepare the list of water soluble fertilizer supplier companies in India	

Day 4 S1	**Crop protection Pest management /IPM-**Class Room	**Crop protection in** Rose, Carnation, Gerbera, , Anthurium, Lilium, Chrysanthemum & Orchids (Dendrobium/ Cymbidium etc 1. Introduction to major pest in protected cultivation 2. Identification knowing of pests symptoms, stages of attack , precautions and control measures- mechanical, cultural , Biological & chemical 3. Integrated Pest Management- Bio-pesticides, promotion of natural enemies. 4. Availing extension services at regular intervals with the visit of experts to fields.	**RNS Faculty**
Day4 S1	**Disease Management**	1. Introduction to major Disease in protected cultivation 2. Identification knowing of disease symptoms, stages of attack , precautions and control measures- mechanical, cultural , Biological & chemical 3. Integrated Pest Management- Bio-pesticides, promotion of natural enemies. 4. Availing extension services at regular intervals with the visit of experts to fields.	**RNS faculty**
Day4 S2	Visit to Poly house / Shade net/ Tunnel/ etc. & practical's regarding pest and disease control protected technology	Identification of major pest, scouting, ETL level, spraying technique and safety measures	
		Identification of major disease , scouting, ETL level, spraying technique and safety measures	

Day 4 S 3	Harvesting, Post-Harvest Management / Infrastructure-	Post-Harvest Management Rose, Carnation, Gerbera, , Anthurium, Lilium, Chrysanthemum & Orchids (Dendrobium/	**PHM Expert & Traders**

	to enhance holding life and to reduce post-harvest losses	Cymbidium etc 1. Pre harvest care 2. Harvesting – time stage & method 3. Post harvest handling practices like deleafing , pre cooling sorting grading bunching ,packaging, storage and transport 4. Quality standards for export and domestic market 5. Post harvest solution and value addition in flowers 6. Packaging material and standards 7. Proper technique & do's and don'ts of Harvesting;	
	Value Addition	1. Fresh product: Minimal processing. 2. Value Addition • By product utilisation- •	
Day 4 S 4	Visit to Protected structure- RNS	Skill /Hands on training on Harvesting techniques + Post-harvest practices	**Demo house Expert**
	Visit to Modern Pack house, cold storage etc.	Skill /Hands on training on Harvesting techniques + Post-harvest practices	
	Discussion	Evaluation of Assignment and observations	
	Quiz	Learning on 4 days	
	Reading for next day		
	Assignment for next day	Difference between Applicants DPR and NHB's Model DPR- What are the learnings.	

Day 5 S1 &2	Marketing and value chain development	Marketing Basics: 1. Value Chain Analysis of product / commodity in State / UT- Current scenario and the best possible solutions 2. Identification of markets- Export, Distant Market, Local markets- Mandis/ Traders, Processing units. 3. Demand – seasons / days etc. 4. Market Driven Production- Concept: What? How? Challenges? Solutions 5. Promotion strategy: Branding; Differentiation of product 6. e-marketing	**Marketing Expert & Traders**
		Market Intelligence / Transparency in Market prices/ Assimilation of Market Information / 1. Knowing end market prices- Local market and distance market; from reliable sources, Mandis, competitors through Media-print, AIR, TV, internet, commission agents etc. 2. Analyse market information season wise. 3. Use market information to decide on crop (type flower), area to be grown, appropriate post -harvest decision to decide where to sell, when to sell, whom to sell, and what quantity to sell etc to be profitable. 4. Arranging cost effective transportation. • Also use market information for growing next crop, area and release of produce into market etc.	
		Demand assessment and management: 1. Need to consolidate demand from all sources- retail outlets, chain, hawkers etc. 2. Assured quantum can be vertically integrated with producers. 3. Variable demand is linked with indirect or Mandi based procurement. 4. To know a balance sheet: demand and supply of commodity if possible.	**Marketing Expert**
		Causes of market instability and measures to address 1. Causes: Low cost supplies from new	**Marketing Expert**

		production areas, Fluctuating demand in Transport availability, Market manipulation, weather vagaries, local disruptions (Bandhs etc.) etc. 2. Measures: Building brand loyalty, Efficient supply chain with dedicated transport on pre-determined schedules, Complementary storage option for buffers for 2 weeks; For perishables- back end sources and reefer transport, modern pack houses; Food processing capacity, Export markets. Measures to check gluts.	
		Marketing models / Measures to minimise price spread / enhance price realisation. 1.Direct- 1.Bulk sale- fast tracked without any pre-cooling with daily dispatches. 2.Bulk or retail outlets- owned/ franchisee. 3.Through wholesale trader / Retail chain/ Exporter/Importer/ Street vendors/ vegetable sellers. 2. Marketing with /without legal contract with buyers, supply chain agents etc. 3. Models: Direct Market Whole seller Auction Market	**Marketing Expert**
		Private partnership- Success stories	**Entrepreneur**
		Potential niche Export markets 1. Global Scenario- product wise; Success story, 2. State/UT s potential, Challenges for Export markets- sea based; 3. Interaction with Exporters and Importers. 4. Linkage with Distribution hubs (Netherland)	**Exporter**
		Potential niche Export markets for flowers 5. Global Scenario- product wise; Success story, 6. State/UT s potential, Challenges for Export markets- sea based; 7. Interaction with Exporters and Importers.	**Exporter**

		8. Linkage with Distribution hubs (Netherland)	
		Potential niche Domestic markets: for flowers 1. Indian Scenario- product wise; Challenges for Domestic – road based	
		Exposure / Networking visits/Trade Fairs/ Exhibitions_ India & Abroad- CDB support	

Day 5 S 3 &4	One day internship at one of the successful entrepreneur:	Trainee specific Crop Production Technology in Flowers + Post-Harvest Practices, Technology and Infrastructure + Producing Quality produce + Finance, Credit & Farm/ Project & Risk Management	**Mentored by Successful entrepreneur**
	Assignment	Identification of Risks and Measures to overcome these risks for successful and timely completion of project as per NHB scheme guidelines, standards and making profits.	

Day 6 S1	Government organisations and Schemes and applicable laws	List of Institutions for promotion of Horticulture: State/ UT Govt., DAC&FW-CDB, NHB, CPCRI, UT Government, Central Schemes – SFAC, NCDC, MoFPI, APEDA, NABARD etc. NHM	**State Dept. of NHB State/UT official Horticulture/ SFAC APEDA NCDC NABARD**
S2	Technology Entrepreneurship & innovation	Technology areas & Providers • Quality Planting Material, Package of practices, IPM, Soil and Crop health, Aerial spraying, Crop monitoring, Pest and Disease Surveillance, Weather Forecasting • Advisory services • Use of IT, Automation- Drones etc. • Crop wise Experts across India and State. • Contacts at CDB/ CPCRI/NHB/ UT Agri.Dept./ KAU/ ATMA/NHM • Climate change Entrepreneurship: • What it is? Essential elements? • Entrepreneurship in Horti-business-salient features. • Steps involved in setting up an enterprise and laws to be complied. • Business avenues in trainees context. • How to minimise cost of production and maximise profits. Innovation • What is innovation? Innovation in Horti-business?	**Expert**
	Knowledge and Statistics	• Maintain statistics- Growers, Area, Production, Productivity, Pest and Diseases, Age of plantation • What's app group; • ICAR/SAU/SHU News letters • Advisories • Online news • Market information- State/UT , Domestic and Export • Radio, • e-learning • Kisan Call centres	
S 3	Evaluation	Training evaluation /Test on	**Course**

	1 Hour	1. Knowledge 2. Skills 3. Attitude Marks in the test are		**coordinator**
	Total Marks Final Assessment	1. Class room participation	25%	
		2. Timely submission of assignments	25%	
		3. Final evaluation	50%	
		Total Marks (Are recorded in Completion Certificate)		
	Feedback 30 Min			**Course coordinator**
	Discussion on Feedback			
S 4	Valediction			

Trainers' Material: to be used for preparing Participants Handbook first in English and then in local language as far as possible:-

The following weblinks are illustrative. Training Institute is requested to explore more and the best fit material for the trainees socio-economic condition, crop and enterprise.

S.No	Module	Reading Material	
		For the Trainer	**For the trainee**
1.	Economic Potential and Specific State/ UTs context and Success stories.	Horticulture Statistics at a glance: http://agricoop.gov.in/statistics/publication-reports World fruit and vegetable map: 2018: Robo Bank https://research.rabobank.com/far/en/sectors/regional-food-agri/world_fruit_map_2018.html APEDA AGRIEXCHANGE: http://agriexchange.apeda.gov.in/ ICAR institutions publications on specific crop CII / FICCI/ASSOCHAM/ PHDCC reports http://www.fao.org/docs/eims/upload/210971/global_issues_paper.pdf Success stories: http://agritech.tnau.ac.in/success_stories/sstories_horti_2015.html	
2.	Personal skills development	Internet and youtbue	
3.	Selection of cultivar and Production practices for high productivity	ICAR institutions publications on specific crop Package of practices of specific crop (s). e-learning: videos from authentic sources- ICAR/ SAU/SHU/Global Institutions. ICAR e-courses: https://ecourses.icar.gov.in/	
4.	Harvesting, Post-Harvest Management / Infrastructure	Analysis of FPO model for Vegetables https://nccd.gov.in/PDF/Analysis_FPO_model.pdf Doubling of Farmers Income Report: Vol.III and IV http://agricoop.gov.in/doubling-farmers	
5.	Processing / Value Addition	ICAR / Any reputed R&D Institution publications e-learning: videos from authentic sources- ICAR/ SAU/SHU/Global Institutions.	
6.	Supply/ Cold-chain development both for fresh and processed produce	Cold Chain Awareness program https://nccd.gov.in/PDF/Cold-chain%20Awareness%20Booklet.pdf Analysis of NDDB Model for Vegetables https://nccd.gov.in/PDF/Analysis_NDDB_veg_model.pdf All India Cold Chain Infrastructure Capacity : Gap Analysis https://nccd.gov.in/PDF/CCSG_Final%20Report_Web.pdf	

7.	Marketing and value chain development	Directorate of Marketing and Inspection website: http://agmarknet.gov.in/ Crop specific market information sources	
8.	Maintain quality of produce: Health & Food Safety / Traceability and Standards	TNAU AgriTech portal on Food Safety: http://agritech.tnau.ac.in/gap_gmp_glp/gap_fresh%20_%20fruits%20&%20veg.html http://agritech.tnau.ac.in/food_safetyindex.html Global Gap: https://www.globalgap.org/uk_en/ INDGAP: http://www.qcin.org/CAS/INDGAP/ Global gap India facilities: http://agriexchange.apeda.gov.in/Market%20Profile/Market_Inteligence/Annexure_III.pdf Food Traceability in Inda: http://face-cii.in/sites/default/files/final_report-version_2.pdf FAO International Code of Conduct on Pesticide Management http://www.fao.org/agriculture/crops/thematic-sitemap/theme/pests/code/en/ TRACEABILITY IN FOOD AND AGRICULTURAL PRODUCTS: ITC, Switzerland publication at http://www.intracen.org/ GRASP: Global GAP Risk Assessment on Social Practice The Global Social Compliance Programme GSCP https://www.gscpequivalenceprocess.com/	
9.	Finance, Credit & Farm/ Project & Risk Management	Model DPR Templates for NHB Schemes ww.nhb.gov.in	
10.	Cluster development : Collaborative farming/ FPOs/ FPC	NHB Website: Proposed scheme: Horticulture Business Cluster and Supply chain development Programme FAO (2010) Agro-based clusters in developing countries: staying competitive in a globalized economy http://www.fao.org/docrep/012/i1560e/i1560e.pdf World Bank: Agriculture Clusters https://www.innovationpolicyplatform.org/sites/default/files/rdf_imported_documents/Agricultural_Clusters.pdf How Can the Poor Benefit from the Growing Markets for High Value Agricultural Products? FAO / UN Paper https://papers.ssrn.com/sol3/papers.cfm?abstract_id=944027 Crop specific Producers Society and company online authentic sources	
11.	Government organisations and Schemes	http://agricoop.gov.in/ http://mofpi.nic.in/ http://apeda.gov.in/ http://nhb.gov.in/ http://coconutboard.nic.in/Scheme.aspx	
12.	Knowledge and Statistics	ICAR Indian Horticulture Magazine: https://icar.org.in/node/9420 IIHR: https://iihr.res.in/documentary-video-clips-for-farmers FAO: http://www.fao.org/e-agriculture/stub-28	
13.	Technology and Entrepreneurship	Visit ICAR – Institutions / Directorates/ Bureaux/ NRCs: https://icar.org.in/ Innovation in Agriculture: http://www.fao.org/3/CA2460EN/ca2460en.PDF Specific technologies: https://icar.org.in/content/agricultural-technologies	

		e-learning: https://ecourses.icar.gov.in/ ICAR Publications: https://krishi.icar.gov.in/jspui/ Local University publications Local University success stories	
14.	Protected (/Greenhouse / Shade net / Walk in Tunnel) cultivation:	National Committee on plasticulture Agriculture with the Horticulture https://www.ncpahindia.com/ Agriculture Skill Council of India: Curriculum and Occupational / Qualification standards: http://asci-india.com/National%20Occupation%20Standards.php	
15.	Cold Storage / Cold Chain Development:		

Reading material for the trainee is to be prepared by the Training Institute based on trainers' reading material in local language either in brief or in detail based on the module and need. May share booklets or print out of detailed scientific package of practices recommended locally.

Success Stories: Illustrative

IARI	http://iari.res.in/index.php?option=com_content&view=article&id=539&Itemid=1516 http://www.iari.res.in/files/Pusa_Hydrogel.pdf
IIHR	https://iihr.res.in/success-stories
CISH	http://www.cish.res.in/success_story.php
CCRI Nagpur	https://www.youtube.com/watch?v=QwE6oFkq3F8
NRC Banana	http://nrcb.res.in/success-stories.php
CITH Srinagar	http://www.cith.org.in/index.php?option=com_content&view=article&id=83&Itemid=11&lang=en
IIVR	https://iivr.org.in/success-stories
Grapes	https://rkvy.nic.in/Uploads/SucessStory/TAMILNADU/2018/20180440133.%20GRS%20Success%20story.pdf

https://www.innovationpolicyplatform.org/sites/default/files/rdf_imported_documents/Agricultural_Clusters.pdf

Activities prior to training by Rise N Shine:

The training institute shall undertake

1. Desk Analysis:
    a. About specific commodity: State/ UT and District's Area, Production, Productivity, cost of cultivation, production, post-harvest and marketing problems etc.
    b. Road map formulated by State/UT government to develop the area/ crop / farmers income of the area including State/UT Economic Survey, Annual Report of Agriculture/Horticulture Dept., District website etc.
    c. Explore various research articles on crop production, marketing etc. of the State/ Area.
    d. Examine various study reports of Government agencies- State/ DAC&FW/ APEDA/ SFAC/MoFPI and private agencies- CII /FICCI/ASSOCHAM/ Others for the horticulture Development of the State, Specific location, India etc.
2. Preparation of training design and teaching-learning material.
    a. Preparation of training schedule with good mix of theory, practical's (both in class room and field visits) and home work (After class hours) and also physical fitness and site seeing.
    b. Participants Handbook: A brief note on each of teaching module in local language for circulation to each trainee, with the help of local technical expert.
    c. Preparation of case studies/ exercises for class room discussion / brain storming / homework.
    d. Access to internet and computers to explore the potential of technology.
    e. Identification of the best experts for each of the session and invitation of successful FPOs/ entrepreneurs/ experts for interaction session with the trainees.
    f. Identification of FPOs/Entrepreneurs/Firms/ Organisations for internship with clear Do's and Don'ts.
    g. Every trainee to come with 2 problems with respect to each of the session.
    h. Use of Audio-visual aids for teaching-learning& Good logistics for field visits

3. Identification of fields, FPOs, enterprises and operations etc. for the visit of trainees.
4. Good preparation of trainees accommodation, food (of trainees cultural context as far as possible), primary health care etc.

Services by the Rise n Shine

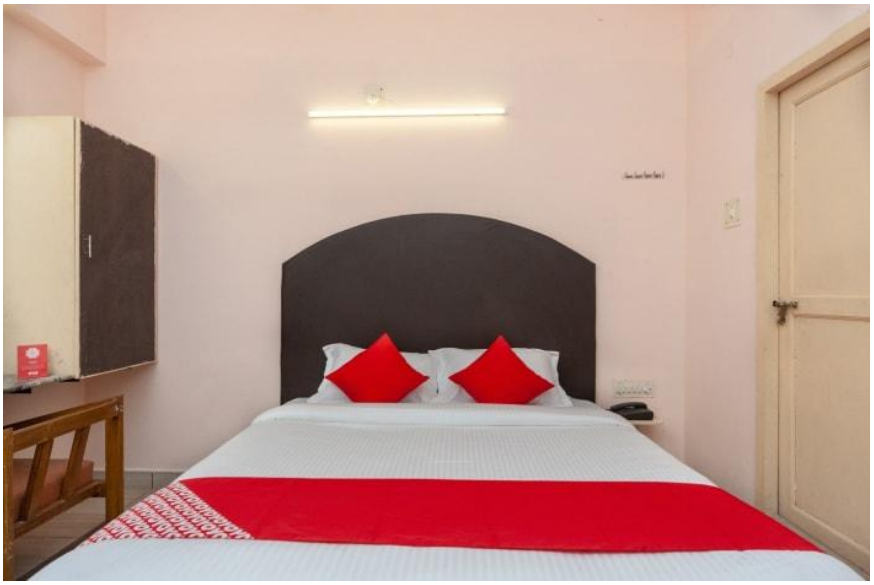
1. **Facilities to Participants during training**
    a. Safe and joyful learning environment.
    b. Classrooms are (Venue) : RNS- Theur
    c. Safe hostel accommodation and healthy Boarding.
    d. Accommodation/Hostel is at: RNS Theur
    e. Hostel check in: One day before training
    f. Hostel check out: following day of completion of course.
    g. Internet and computer systems.
2. **Material to be made available to Participants by Horticulture Training Institute**
    a. Training Brochure before training
    b. Reading Material during training
3. **Faculty: Ready to help trainees for on field problems on phone during production time.**

4. **Post-training activities:**
    1. Take written feedback on each of session with respect to content, clarity and delivery style, opportunity for Q&A, accommodation, food, other facilities, suggestions for improvement etc. and share action proposed in future trainings, during valedictory session.
    2. Submission of training report to be submitted within 15 days of completion of EDP:
        a. Objectives, outputs and outcomes of training.
        b. Training schedule
        c. Trainee's / participant list with postal address and contact numbers.
        d. Photographs and Video (Also to be hosted by training institute and NHB)
        e. Analysis of feedback and action taken report.

f. Action taken on networking with trainees local R&D Institution / experts for regular extension and entrepreneurship development activities.
g. Utilisation Certificate.

Photograph of RNS Campus

RNS Hostel Facility



RNS Classroom

RNS facilities