

**PROJECTS AND
ACTIVITIES**

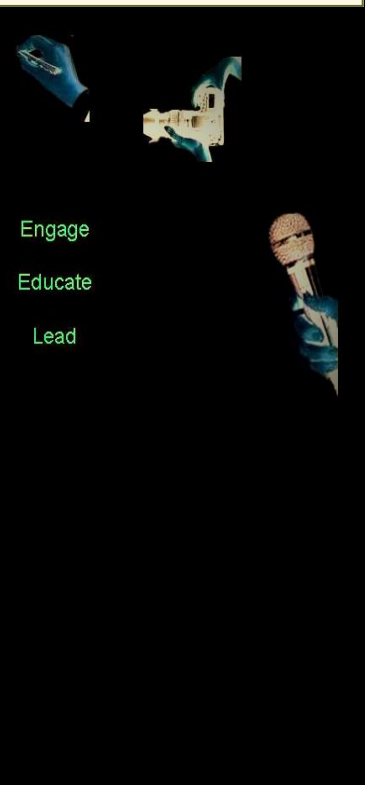
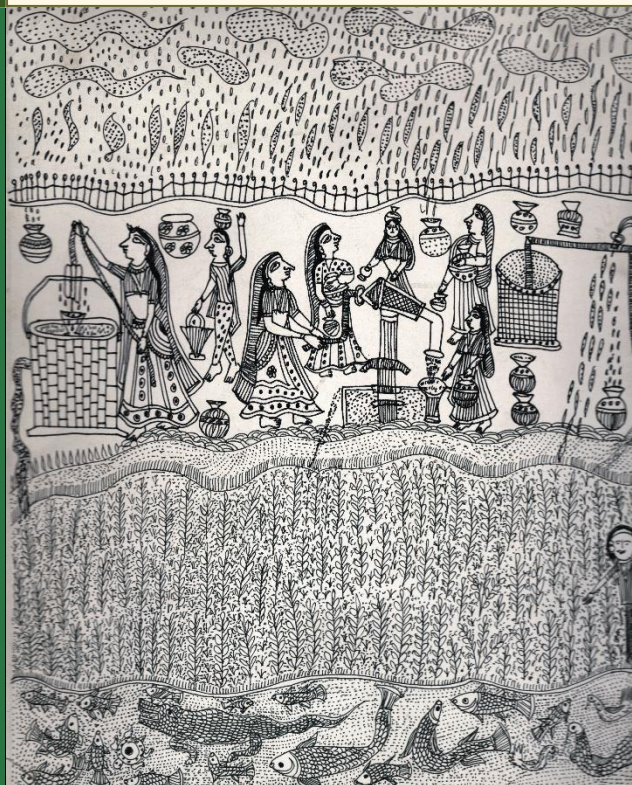
Projects & activities are supported in order to -

- Innovate, informalize and spread the messages of science with common man, scientists and future scientists
- Coordinate and support need specific field mobilization programmes for spreading and enhancing the reach and impact of messages
- Aid people to embark upon new modes of action by helping a re-invention of more resourceful & scientific mindset, capacity to think, decide & innovate
- Assessing the needs and evaluating the impact of science communication programmes in the subject areas

The physical & financial progress and technical content is closely monitored. Online submissions of pdf files of Six-monthly Progress Reports and Project Completion Report (also in a hard copy) are required in the prescribed formats. NCSTC and its nominated experts mentor the implementation. On-site reviews/Group Reviews/Evaluations of Final Outcome are invoked with annual, interim/need based & end line periodicity. Satisfactory utilization of funds for the approved purposes, delivery against objectives (original/modified) and compliance to the terms & conditions of grant-in-aid, & release of next instalment of grant are interlinked. *Guidelines & format are available under NCSTC section of DST website.*

FOCUS

‘eco NEXT’ Initiatives 2017-18 focus upon the components given at the Annexes.



Mission eco NEXT

'Vigyanen Swachham Sarvada
Vigyanen Haritam Sarvada'

Initiatives 2017-18: Eco Media, Eco Design & Eco Innovation in Young Hands

Vision: *Young Hands for a Regenerative Ecological Future*

Mission: *To inspire and nurture the Eco Intelligent Youth & Young Change Makers*

Focus: Capacity, Competence Building Initiatives for Youth Engagement Trainings, Engagement, and Site Specific Communication Resource Creation & Change Making by Youth is in focus. The goal is to raise a dedicated & skilled cadre of youth, promote Youth Eco-Media development in the country, and support *National Youth Policy, Skilled India & Swachh Bharat* missions. In today's fast-paced world, role of media, both in printed and electronic forms, is critical in leveraging furthering the goals of the programme.

The forthcoming phases of programme would focus upon initiatives in building real-time understanding of nature & its ecosystems, responsiveness, eco-design & eco-media literacy for promoting integrated efforts. The programme supports a direct and purposeful communicative paradigm, as *Science Media & Eco Innovative/Creative Youth leadership*.

Capacity Building Methodology should be highly interactive and to include case studies, critical inputs, presentations, focussed group discussions, science debates, FAQs, hands-on approach, individual & group assignments, Master Classes, presentations & feedback, Questionnaire/ quiz, field notes, plans for post training Field Initiatives, etc. The criteria for selection of participants for the Trainings should be proposed, inclusive of their track of educating & inspiring the people, innovation mindset, scientific temper and positive ecological outlook.

Additionally, proposals of strategic importance like government priorities, less endowed regions, science & technology communication research, and resource development shall also be supported.

I. **‘Eco Routes’** : Multi-locational clusters of **sub-regional initiatives** aimed at spurring pilot sub-regional missions, for **less endowed or under stress**, yet eco-culturally rich hotspots

I (a) **Eco NEXT Media Labs**, an NCSTC coordinated initiative has a trail & road map dotted with **representative** ecological hotspots which are **less endowed or under stress**, yet eco-culturally rich. Starting with a Brainstorming over Jaisamand ecosystems near Udaipur, followed by an Eco Media Master Lab at Jaipur, Eco Media Lab travelled to Amarkantak, the origin of Narmada, then Mhow, the birthplace of Dr BR Ambedkar and aims to go on exploring the potential for youth aspirations in eco-cultural & media domains. Such Labs are organized under NCSTC coordination for orientation of promising young change makers, especially from science & media, not in project support mode, in regional collaboration with institutions hosting the Technical Advisory Committee meetings. An indicative map is ever evolving for future eco-travels with youth. **Ideas and concepts are invited for expanding this initiative & developing the map further.**

NCSTC support has been extended in project mode also for initiatives at such Eco-cultural hotspots, like Eco Studios, Eco Eureka workshops, Eco Theatres, ‘Neer, Nari aur Vigyan’ at 180 schools, and Eco Media Schools.

Studios Eco NEXT, Eco Eureka workshops, E³ Next trainings and Eco Next Media Labs would continued to be supported in project mode also, as Capacity Development Initiatives under section II, aiming at regional/eco-regional resource creation & short term orientation of promising young change makers, especially from science & media for serving diverse priority categories of target groups like Media & Theatre students, Tribal population, Youth (Students/ NSS volunteers, village youth), and/or for themes suitable to different eco-regions.

I (b) **‘Eco NEXT Talent Hunts’ & ‘Eco Media Fests’**, have been conceptualized to leverage the Eco NEXT messages with youth exuberance and potential as multi-locational sub-regional initiatives. There shall be competitive events in following categories –

- i) Discovery Science & Eco Exploration
- ii) Eco creativity, Eco-Design & Eco Media
- iii) Eco-innovation

The activities should be designed for Rural & Urban Youth in clusters of 5-10 Districts, to select & promote promising Young Change Makers who can be further shortlisted for Capacity Development Modules or would develop Eco Talent Networks, with in Rs. 25 Lakhs inclusive of appropriate number of Capacity Development Modules. The events may culminate as showcases/fests for Eco Media. Bundi Eco Films Fest has been recently supported at Bundi, the district known for its water Baoris which under severe threats today. ***Ideas and concepts are invited for expanding this initiative & developing the map further.***

II. *Capacity Development Initiatives*

Central Themes of the Capacity Development Initiatives need to be either **Swachham Sarvada** or **Haritam Sarvada** or both, and up to a min. of 2 Nos of respective Post training Field Initiatives, need to be from the following categories –

Swachham Sarvada : Science Communication for adoption of schools, rural/urban areas for triggering and sustaining best practices in **Eco-sanitation & Innovation**.
Resources: @ Rs. 50,000/- per year (IEC resources, activities, etc.) *per field initiative.*

Haritam Sarvada : Science Communication for adoption of schools, areas under ecological stress, promotion of **eco-innovative practices** for ever green farming & horticulture, social forestry, aquaculture, etc. *Resources:* @ Rs. 50,000/- per year (IEC resources, activities, etc.) *per field initiative.*

Water Eco Health Clinics: Design, Development and supervision of **Community Science Media & Communication Systems** by youth for **water ecosystems health & eco innovation**. *Resources:* @ Rs. 50,000/- per year (IEC resources, activities, etc.) for one module

Eco Design Clinics: Design, Development and supervision of **Eco Design Communication Systems** by trained youth for **Community Science Media & Literacy** by youth and eco-interpretation/eco consultations for **eco-design & eco-innovation**. *Resources:* @ Rs. 50,000/- per year (IEC resources, activities, etc.) for one module

Eco Smart Schools:

- design, development and supervision of **School Science Media & Communication System** by youth
- may be part of the local school system as a modular component with special additional focus, curricular or extracurricular, or both, on the concerned themes & should represent diversity and engagement with Ecological issues as an explicit purpose.
- should involve hands on learning that is inquiry and outcome based and science communication as alternative mode & unique approach to learning
- should provide an environment or experience that would *attract* students and communities from other school zones also, especially from challenged locations
- should help institutionalize and mainstream actionable *Eco learning* with neighbouring communities (through festivals, events, weekly markets, adoption of sites/action locations, etc.)
- should be able to encourage **Eco Innovation Educators** from teachers and stakeholders across the boundaries
- networking & handholding should be the key deliverables
- *Learning Resources:*@ Rs. 50,000/- per year for one module per school for IEC resources, activities, etc.

II (a) *Studio Eco NEXT*

'Youth Eco Media, Arts, Culture & Interpretations Trainings in Hands-on Science'

Project duration 6 month to 1 yrs for a series of Trainings inclusive of post Trainings assignments, with budget components given below (a)-(f) in addition to budget heads as per DST norms like Project Staff, Overheads, etc., overall with in Rs. 20 Lakhs.

| | | | | | |
|--|--|--|--|---|---|
| (a) 5 days inclusive of 1 day of Experiential Outdoor, for Site Specific Hands-on Studio Trainings for Science Communication Products/ Resource Creation, up to 20 trainees per batch up to @ Rs. 3,00,000/- per batch | (b) Site recording tools & digital/ media instruments up to Rs. 75,000/- | © Resource Development on Eco Media Capacity Building up to Rs. 75,000/- | (d) Monitoring, Evaluation, Review, Documentation up to Rs.50,000/ | (e) Travel & Contingency up to Rs. 50,000/ | (f) Support for Post Training assignments to select number of participants (up to 10%) as Eco Creatives/ Eco Media Associates with a token stipend @ 5000/- pm. (3 months) based on evaluation by implementing organization & review/ technical vetting by NCSTC |
|--|--|--|--|---|---|

Methodology, Work Plan & Core Content Modules

Methodology & Work Plan should follow a Youth centric, eco-regional/ eco-habitat & heritage, culture & science based approach to understand & interpret ecological issues for promoting communities engagement, community leadership & professional development of youth. Capacity & competence may be promoted in Interpretive Science Communication & Natural Heritage Science Communication & eco-creations. *Proposals should provide focused methodology & work plan* giving criteria for selection of participants, feedback & impact assessment, and *day-wise details of sessions/activities linked with respective resources/resource persons on the following core modules :*

| <i>Module #1</i> | <i>Module #2</i> | <i>Module #3</i> | <i>Module #4</i> | <i>Module #5</i> | <i>Module #6</i> |
|---|--|---|---|---|--|
| Assessment: Eco-sight & outlook, reasoning, aptitude and attitudes of the trainees, aptitude for print, electronic & ICT including technology like GIS & GPS, mixed media, new media, etc. | Orientation with basic eco-concepts: Eco-systems & Sustainability, Climate Change, Biodiversity, Natural/ renewable resources, | Site recording, design & development of science communication/eco-media products: Surveys, ecological landscapes & profiles, eco- | Field Eco Lab/Trails in Eco cultural & media Interpretation | Learning Resource Enrichment (based on outcomes in Eco Media, Arts & Cultural Capacity Building) | "Youth Portfolio" by participants as per NCSTC framework |

| | | | | | |
|--|---|---|--|--|--|
| | Spatial & Temporal Attributes of eco sources, Health of ecosystems, Eco-degradation & restoration, Eco-Innovation & Technologies, Eco-performance, Ecological Values & Charter for Young Change makers on Scientific Temper & Ecological duties | interpretation, narrative & artistic creations, documentation, photo/videography, mapping, GPS assisted mapping, etc. | | | |
|--|---|---|--|--|--|

II(b) *Eco Eureka*

‘Youth Engagement trainings for *Nature, Labs & Youth Connections for Eco-innovation & community leadership*’

Project duration 6 month to 1 yrs, with budget components given below (a)-(f) in addition to budget heads as per DST norms like Project Staff, Overheads, etc., overall with in Rs. 20 Lakhs.

| | | | | | |
|--|---|--|--|---|--|
| (a) 5 days of Youth Engagement for <i>Nature, Labs & Youth Connections for Eco-innovation & community leadership</i> including experiential camping of 1 day, up to 25 trainees per batch, up to Rs. 2.5 lakh per Training | (b) Hands-on-science instruments & accessories up to Rs. 75,000/- | © Resource Enrichment based on outcomes for Capacity Building (Rs. 50,000/-) | (d) Monitoring, Evaluation, Review, Documentation up to Rs.50,000/ | (e) Travel & Contingency up to Rs. 50,000/ | (f) Post Training assignment, may be supported to select number of participants (up to 10%) as <i>Eco Eureka Fellows</i> , with a token stipend @ 5000/- pm. (3 months) based on evaluation by implementing organization & review/technical vetting by NCSTC |
|--|---|--|--|---|--|

Methodology, Work Plan & Core Content Modules

Methodology & Work plan should address- Exposure, eco-interpretation & experiential action learning module for Nature- lab- Youth connections for *Eco –innovation & community leadership*. *Proposals should provide focussed methodology & work plan* giving criteria for selection of participants, feedback & impact assessment, and *day- wise details of sessions/activities linked with respective resources/resource persons on the following core modules (but not limited to the same):*

| <i>Module #1</i> | <i>Module #2</i> | <i>Module #3</i> | <i>Module #4</i> | <i>Module #5</i> | <i>Module #6</i> |
|--|--|--|---|--|--|
| <p>Assessment: Eco-sight & outlook, reasoning, aptitude and attitudes of the trainees</p> <p>Ecological Values & Charter for Young Change makers on Scientific Temper & Ecological duties</p> | <p>Orientation with basic eco-concepts:</p> <ul style="list-style-type: none"> • Nature, Labs & Youth Connections • Science, nature conservation and Eco restoration • Nature base solutions, co-creation & eco-innovation • Eco-habitat, Eco-sanitation, WaSH, & Renewable Resources for sustainable futures | <p>Eco Exploration for Evidence:</p> <p>Photo/ video documentation of evidence, mapping, GPS assisted mapping, ecological landscapes & profiles, eco-interpretation etc.</p> <p>Documentation, Communication, Education & public awareness, Impact & Outcome mapping.</p> | <p>Eco Exploration for Evidence:</p> <p>Hands-on, Lab & outdoor assignments</p> <p>Field Eco Lab/Exploratory Trails in Eco cultural Interpretation</p> | <p>Learning Resource Enrichment for Capacity Building</p> | <p>“Youth Portfolio” by participants as per NCSTC framework</p> |

II (c) *E³ Next*

Trainings in Eco Media, Eco Design & Eco Innovation centric science

Communication: ‘Hands-on-Science Training of Young Educators through engagement with evidence based S&T Media, Design & Innovation Media, especially for Eco Media Educators, Eco Creatives, Eco Educators & Young Change Makers & exchange of eco-learning, by means of igniting youth leadership and organizational capacity building.’

Project duration 6 month to 1 yrs for a series of trainings, *with budget components given below (a)-(f) in addition to budget heads as per DST norms like Project Staff, Overheads, etc., overall with in Rs. 25 Lakhs.*

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|---|---|--|--|--|---|
| (a) 5 Days of motivation, skill & competence building, up to 20 participants per batch, up to Rs. 3.50 Lakh per batch | (b) Hands-on-science instruments, training kits & accessories up to Rs. 100,000/- | © Resource Enrichment for Capacity Building based on outcomes (Rs. 75,000/-) | (d) Monitoring, Evaluation, Review, Documentation up to Rs.50,000/ | (e) Travel & Contingency up to Rs. 50,000/ | (f) A select no. of successful participants (20%) to be supported as Eco Media Educators or Young Community Advisors for their Field Initiatives (Post Trainings, Ref Annex) with a token honorarium/ stipend @ Rs. 5,000/- for in-service & Rs. 10,000/- p.m. X 6 months for not in service participants, based on evaluation by implementing organization & review/technical vetting by NCSTC. |
|---|---|--|--|--|---|

Methodology, Work Plan & Core Content Modules

Methodology & Work plan should address *youth engagement with evidence based S&T Media for Eco Innovation & Performance for exchange of eco-learning, by means of igniting youth leadership and organizational capacity building. Proposals should provide **focussed methodology & work plan** giving criteria for selection of participants, feedback & impact assessment, and day to day schedule of capacity development activities linked with respective resource persons may be proposed based on the NCSTC core curriculum given below. Criteria for selection of participants should also be proposed inclusive of their continuing track of empowering, educating & inspiring the people, innovation mindset, scientific temper and positive ecological outlook.*

| | | Pre Lunch Session # 1 Tutorials & Quiz | Pre- Lunch Session # 2 Interactive Talks & Quiz | Lunch Hours: Handouts | Post Lunch Sessions # 3 & 4 |
|---|---------------------------|---|--|---|--|
| Core competencies: Communication, Working with People, Drive for Results | 1st Day | Multidisciplinary nature of Eco & Sustainability Science Communication (concepts, practices & resource agencies) | COMMUNITY LEARNING & PRACTICES: <ul style="list-style-type: none"> • Ecological Values & Charter for Young Change makers on Scientific Temper & Ecological duties • Role of policy in shaping the Eco landscapes and raising ecological performance • Priority humanitarian needs versus sustaining Eco Systems Services | <i>Questionnaire / quiz for submission next day</i> | (A) EXPERIENTIAL LEARNING/ ECO-EXPLORATORIES WITH ACTIVITIES LIKE <ul style="list-style-type: none"> • Scenario building, participatory mapping, eco-scaping, Eco cultural & Eco Media Interpretation etc. |

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|---|--|--|---|--|--|
| <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Functional & Experiential Competency</p> | <p style="writing-mode: vertical-rl; transform: rotate(180deg);">2nd/3rd Day</p> | <p>Recap of prev day quest/quiz</p> <p>EXPOSURE & FIELD IMMERSION</p> <ol style="list-style-type: none"> 1) Visits to ecological hotspots 2) Identification of entities working in the <i>Eco & Innovation</i> sphere & networking 3) Developing <i>eco-innovation, design & media leads</i> for livelihood options, mitigation & adaptation to ecological risks, etc. 3) Interaction with media | <p>COMMUNITY LEARNING & PRACTICES:</p> <ul style="list-style-type: none"> • Ecological Values & Charter for Young Change makers on Scientific Temper & Ecological duties • Role of policy in shaping the Eco landscapes and raising ecological performance • Priority humanitarian needs versus sustaining Eco Systems Services | <p>Field Note for submission next day</p> | <ul style="list-style-type: none"> • Eco-innovation – concepts, designs, prototypes/demo models, field experiments, etc. • Games & role play, design/ calculation workouts, eco-media lead generation & communication • Reflecting on every day learnings, opinion leadership, sharing, co-travelling, counselling, advising, consulting, educating, etc. |
| <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Technical & Functional Competency</p> | <p style="writing-mode: vertical-rl; transform: rotate(180deg);">2nd/3rd Day</p> | <p>Recap of prev day questionnaire/ quiz</p> <p>ECO-SYSTEMS & REGIONAL ECOLOGIES</p> <ul style="list-style-type: none"> • Eco-systems, Eco-Regions & Biodiversity, global warming, etc. • Ecological Risk Assessments, audit & budgeting, Eco-systems services <p>ECO RISK PREPAREDNESS (acute, post-acute, protracted, chronic crises)</p> | <p>ISSUES OF LOCAL IMPORTANCE</p> <ul style="list-style-type: none"> • basic knowledge • problems, management, technology, best practices & innovation options • role of eco-media and other outreach methodologies in promoting eco-innovation & best practices | <p>Questionnaire /quiz for submission next day</p> | <p>(B) MASTER-CLASSES (2-3 Nos) by scientist/technologist/agriculturist/ persons of excellence in the area, etc.</p> |

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|---|---------------------------|---|--|--|--|
| <p>Technical & Functional Competency</p> | <p>4th Day</p> | <p>Recap of prev day questionnaire/ quiz TOOLS, TECHNIQUES AND ECO-INNOVATIONS</p> <p>Case studies, quality-risk understanding, assessment & reduction: Water, Land and Forest Ecosystems, atmospheric environment, etc.</p> | <p>ISSUES OF LOCAL IMPORTANCE:</p> <ul style="list-style-type: none"> potential innovative solutions for Ecological challenges at the household, community and eco-regional level <p>Consolidation & planning for future</p> | <p>Questionnaire /quiz for submission next day</p> | |
| <p>Functional & Experiential Competency</p> | <p>5th Day</p> | <p>Recap of prev day questionnaire/ quiz EXPOSURE & FIELD IMMERSION</p> <ol style="list-style-type: none"> 1) Visits to ecological hotspots 2) Identification of entities working in the <i>Eco & Innovation</i> sphere & networking 3) Developing <i>eco-innovation leads</i> for livelihood options, mitigation & adaptation to ecological risks, etc. & compilation of self-learning resources 3) Interaction with media | <p>Field Eco Lab/ Trails in Eco cultural & Eco Media Interpretation</p> | <p>Proposed plans for Field Initiatives</p> | |

YOUNG CHANGE MAKER'S
CHARTER
OF SCIENTIFIC TEMPER & ECOLOGICAL DUTIES

Preamble: *We, the enlightened youth of India, do hereby solemnly affirm and dedicate ourselves to rise in love and sacrifice for humanity and uphold the values for a peaceful, harmonious and thriving natural world, and we hereby resolve that –*

Article 1: It shall be our humble and onerous endeavour & duty to stand for Ecological Integrity of our motherland.

Article 2: It shall be our commitment to our inner voice that tells us to live by scientific outlook and decide our day to day ecological responsibilities.

Article 3: It shall be our foremost ecological duty to nurture the scientific temper of ours and people of our motherland.

Article 4: It shall be our utmost care and duty to give back in greater measure to our common natural heritage than we receive from it.

Article 5: It shall be our self commanding ecological duty to create, value and preserve the resilience of our ecosystems as that alone can ensure a scientific and sustainable way of our co-existence.

Article 6: It shall be our utmost devotion to carry on the learning and living rooted in timeless traditions of eco-friendly living and valuing the harmonious ecological world order.

Article 7: It shall be our collective and individual duty to help our people meet the present and future with out ecological dis-privilege or deprivation for any one.

Article 8: It shall be our sacrosanct ecological duty to rise to mitigate and adapt to ecological upheavals wisely and with a loving conscience.

Article 9: It shall be our restorative ecological duty and scientific temper to offer ourselves to check ecological degradation and restore ecological imbalances near us and far, as much as we can.

Article 10: It shall be our missionary spirit and duty to be ever rising to the cause of rescue, rehabilitation and revival in the face of ecological disasters.

Article 11: It shall be our duty to help our people to create a 'Sustainable Society' based on the Principles of maintaining peace, overcoming poverty and creating economic equality, securing fundamental human rights, establishing democracy and freedom and conserving the Ecology and Natural Resources.

*Overall, It shall be the lifework of us all **Young Change Makers**, to be ever self sacrificing and contributing to building of scientific temper, ecological preservation and renewal so that we bequeath to future generations a better planet with healthier ecological relations.*

(Authored by Dr Pamposh Kumar & Dr Afroz Ahmad)

ECO NEXT
YOUTH PORTFOLIO
of
Inteerpretation & Evidence

Tagline/Motto:

- 1
- 1.1 **Name**
- 1.2 **Address**
- 1.3 **E mail**
- 1.4 **Contact No.**
- 1.5 **Career Goals**
- 1.6 **Education**
- 1.7 **Professional
Qualification/
Trainings**
- 1.8 **Work History**
- 1.9 **Achievements/Awards/
Acclaims/ Specialization**

PERSONAL

Initials of Course Coordinator

2

SELF APPRAISAL

(about 250 words)

- | | | |
|-----|--------------------------------|--|
| | Worksheets | Candidate to work out and remove after filling in succeeding entries |
| 2.1 | Knowledge | To be filled in by the candidate |
| 2.2 | Skills | To be filled in by the candidate |
| 2.3 | Attitudes | To be filled in by the candidate |
| 2.4 | Values | To be filled in by the candidate |
| 2.5 | Personal Attributes | To be filled in by the candidate |
| 2.6 | Professional Attributes | To be filled in by the candidate |

Initials of Course Coordinator

3

APPRAISAL OF LEARNING OUTCOMES

- | | | |
|-------|--|--|
| | Worksheets | Candidate to work out and remove after filling in succeeding entries |
| 3.1 | Scientific Outlook | 1-5 Star Ratings to be filled in by the course coordinator <i>(in words and symbols both)</i> |
| 3.2 | Method of Science | 1-5 Star Ratings to be filled in by the course coordinator <i>(in words and symbols both)</i> |
| 3.3 | Science & Technology Communication Proficiency | 1-5 Star Ratings to be filled in by the course coordinator <i>(in words and symbols both)</i> |
| 3.3.1 | Verbal | |
| 3.3.2 | Written | |
| 3.3.3 | Creative | |
| 3.4 | Learning pathways gained <i>(May add sub- sections)</i> | To be filled in by the course coordinator <i>(about 50 words)</i> |
| 3.5 | Competencies strengthened <i>(May add sub- sections)</i> | To be filled in by the course coordinator <i>(about 50 words)</i> |

Initials of Course Coordinator

| | | |
|-------|--|--|
| 4 | Worksheets | APPRAISAL OF INSPIRATIONAL WORK |
| 4.1 | Evidence Capture Skills | Candidate to work out and remove after filling in succeeding entries 1-5 Star Ratings to be filled in by the course coordinator <i>(in words and symbols both)</i> |
| 4.2 | Narrative Skills | 1-5 Star Ratings to be filled in by the course coordinator <i>(in words and symbols both)</i> |
| 4.2.1 | Verbal | |
| 4.2.2 | Written | |
| 4.2.3 | Creative | |
| 4.3 | Torch bearing potential <i>(May add sub- sections)</i> | To be filled in by the course coordinator <i>(about 150 words)</i> |
| 4.4 | Spirit of Community mobilization/ change making <i>(May add sub- sections)</i> | To be filled in by the course coordinator <i>(about 150 words)</i> |

Initials of Course Coordinator

| | | | |
|-----|--|--|--|
| 5 | | DETAILED ENDORSEMENT OF ENGAGEMENT WITH ECO & WaSH SCIENCE | |
| 5.1 | Worksheets Observations and Evidences Captured (add more rows, if required) | Candidate to work out and remove after filling in succeeding entries To be filled in by the candidate | |
| | Day 1 | | |
| | Day 2 | | |
| | Day 3 | | |
| | Day 4 | | |
| | Day 5 | | |
| 5.2 | Hypothesis & Validation (add more rows, if required) | Major Hypothesis Formed | Validation / Experiments/ Hands-on-Science/ Inquiries |
| | Hypothesis #1 | To be filled in by the candidate (about 50 words) | To be filled in by the candidate (about 50 words) |
| | Hypothesis #2 | To be filled in by the candidate (about 50 words) | To be filled in by the candidate (about 50 words) |
| 5.3 | Conclusions & Scientific Interpretation (add more rows, if required) | Conclusions | Scientific Interpretation |
| | Conclusion #1 | To be filled in by the candidate (about 50 words) | To be filled in by the candidate (about 100 words) |
| | Conclusion #2 | To be filled in by the candidate (about 50 words) | To be filled in by the candidate (about 100 words) |
| 5.4 | Documentation (written, digital, photo, and other documentation) | How done? To be filled in by the candidate (about 150 words) | |
| 5.5 | Dissemination & Communication of Findings & Experiences (including feedback) | How done? To be filled in by the candidate (about 150 words) | |
| 5.6 | Goals, Readiness & Commitments for Future | To be filled in by the candidate (about 200 words) | |

Initials of Course Coordinator

CERTIFICATE

*Certified that
Mr/Ms.....
S/D
actively participated in held on and
successfully engaged with activities & exercises as given in the accompanying
"Eco Next Youth Portfolio"
which demonstrates his/her preparedness, skills and strengths*

Sig. Head of the Organization

Sig. Course Coordinator

Sig. NCSTC Prog-i-C

Disclaimer: This endorsement is for motivational purposes only, and shall not be a basis for legal or any other kind of claims.