

**7.4.1 b Programmes conducted
for local community to learn
about importance of energy
efficiency and clean energy
(SES REC - Action Plan)**

RECOGNISED **SES REC** (SOCIAL ENTREPRENEURSHIP, SWACHHTA & RURAL ENGAGEMENT CELL) ACTION PLAN INSTITUTION

Ministry of Education, Government of India

Please post to moetn7sesrec@gmail.com

| | | |
|----|---|--|
| 1. | Name of Institution | B.S. Abdur Rahman Crescent Institute of Science & Technology |
| 2. | Address of the Institution | Seethakathi Estate, GST Road Vandalur, Chennai - 600048, Tamil Nadu |
| 3. | University Affiliated to | Deemed to be University |
| 4. | District & State | Chengalpattu, Tamil Nadu |
| 5. | Name of Principal/Hol (Convener of SES REC) | Dr. A. K. KALILUTHIN Deputy Director (Campus Development) |
| 6. | Contact Number (WhatsApp Number) | 9486075577 |
| 7. | E Mail ID | deputydirector.cdm@crescent.education |

Proposed Activities Post COVID 19

| # | AREA | IDEAS/SUGGESTED ACTIVITIES FOR THE TEAM; PLEASE MODIFY AS PER LOCAL NEED | COMMITTEE HEAD (FACULTY) NAME, CONTACT NUMBER, EMAIL |
|----|---|--|---|
| 1. | SANITATION AND HYGIENE (CAMPUS) | <ul style="list-style-type: none"> ● Post COVID19 Sanitation Measures and Drill ● Clean and functional toilets (365x24) ● Safe drinking water (365 x24) ● Clean surroundings ● Clean buildings/rooms ● Campus Landscaping ● Zero Littering | 1. Mr.Basheer , Committee Head 8667018252 basheeruddin.nt@crescent.education 2.Mr.Shafeer Ahamed 9952196629 shafeer@crescent.education |
| 2. | SANITATION & HYGIENE (COMMUNITY/A DOPTED VILLAGES – To Promote Rural Social Entrepreneurship and Community Engagement) | <ul style="list-style-type: none"> ● Organize awareness programmes for better sanitation practices like using the toilet, hand washing, health and hygiene awareness and garbage disposal ● Work with SHGs for mask making and other similar activities ● Perform Nukkad Nataksor street plays around Swachhta and Covid 19 ● Conduct surveys and door-to-door meetings to drive behavioral change with respect to sanitation behaviour ● Participate in Monitoring committees is to stop open defecation in villages ● Prepare Information Education Communication Material(IEC) or wall paintingsto promote Swachhta Activities ● Set up RO plants in villages for safe and clean drinking water ● Setting up telemedicine and mobile health care centres | 1. Mr.Shafeer Ahamed Committee Head 9952196629 shafeer@crescent.education 2.Dr.C.Srinivasan 9842450465 srinivasan.com@crescent.education 3.Mr.Basheer , 8667018252 basheeruddin.nt@crescent.education |

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| | | <ul style="list-style-type: none"> ● Support Asha workers with innovative tools to ease their work ● Partner with local NGOs and CSR organizations in this field | |
| 3. | WASTE MANAGEMENT (CAMPUS) | <ul style="list-style-type: none"> ● Campus/Dept wise waste audit ● Campus/Dept waste segregation ● Reduction in waste, month-on-month ● Recycling waste (paper, organic waste from canteens and kitchens) ● Set up compost pit for recycling waste ● Ban plastic use in the campus ● Banflexi banners (Only cloth banners to be used) ● Paperless work – use of email, WhatsApp for communication | <p>1. Mr.Chinnaiya Committee Head 9962912573</p> <p>2. Dr.Muhammed Jamsheer 9495564776 muhammed_jamsheer@creseant.education</p> <p>3.Mr.Y.Ibrahim 8870264513 ibrahim@crescent.education</p> |
| 4. | WASTE MANAGEMENT (COMMUNITY/A DOPTED VILLAGES - To Promote Rural Social Entrepreneurship and Community Engagement) | <ul style="list-style-type: none"> ● Village households' & public offices' waste audit ● Village households' & public offices' waste segregation ● Village households' & public offices' waste recycling mechanisms to be set up ● Recycling Farm waste ● Setting up community compost pits in villages ● Awareness camps for Clean and Green Village (Zero Littering – IEC Material) including banning single-use plastic ● Installing bio-gas plants ● Innovative Technology based solutions for rural waste recycling (eg cow dung cake making machine, converting solid waste into bricks, etc) ● Partner with local NGOs and CSR organizations in this field | <p>1.Mr.Y.Ibrahim Committee Head 8870264513 ibrahim@crescent.education</p> <p>2. Dr.Muhammed Jamsheer 9495564776 muhammed_jamsheer@creseant.education</p> <p>3.Mr.Chinnaiya 9962912573</p> |
| 5. | WATER MANAGEMENT (CAMPUS) | <ul style="list-style-type: none"> ● Audit of water sources in the campus ● Audit of monthly water use in the campus ● Audit of drinking water on campus (bottled water) ● Constructing/Increasing no. of Rain Water Harvesting pits in the campus ● Fixing leaky taps ● Recycling water (grey, brown and black) ● Activities for recharging dry borewells | <p>1.Mr.Rajiv Gandhi Committee Head 7397788034 rajeev.gandhi@crescent.education</p> <p>2. Mr.Y.Ibrahim 8870264513 ibrahim@crescent.education</p> <p>3. Dr.Noushad C noushad@crescent.education</p> |
| 6. | WATER MANAGEMENT (COMMUNITY/A DOPTED VILLAGES - To Promote Rural Social | <ul style="list-style-type: none"> ● Audit of water sources in the village ● Audit of drinking water in the village ● Setting up soak pits ● Constructing/Increasing no. of Rain Water Harvesting pits in the villages ● IEC and flow chart for fixing leaky taps ● Recycling water (grey, brown and black) | <p>1.Mr.Y.Ibrahim Committee Head 8870264513 ibrahim@crescent.education</p> <p>2. Dr.Noushad C noushad@crescent.education</p> |


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| | Entrepreneurship and Community Engagement) | <ul style="list-style-type: none"> ● Activities for recharging dry borewells ● Constructing check dams ● Converting villages into water plus areas ● Partner with local NGOs and CSR organizations in this field | 3. Mr.Rajiv Gandhi 7397788034 rajeev.gandhi@crecident.education |
| 7. | ENERGY MANAGEMENT (CAMPUS) | <ul style="list-style-type: none"> ● Audit of energy efficient heating, cooling, lighting and water systems in the campus ● Audit of building wise monthly use of electricity ● Incentivize reduced electricity usage by depts/buildings ● Create short-term and long-term plan for the use of solar energy on the campus ● Cycles on the campus (reducing carbon footprints) ● Reducing carbon footprints via intelligent Purchase Standard Operating Procedures(SOPs) ● Partner with local NGOs and CSR organizations in this field | 1.Mr.Ramkumar Committee Head 9941602400 ramkumar@crecident.education 2. Mr.Manivannan 8883241585 manivannan.nt@crecident.education |
| 8. | ENERGY MANAGEMENT (COMMUNITY/A DOPTED VILAGES - To Promote Rural Social Entrepreneurship and Community Engagement) | <ul style="list-style-type: none"> ● Wind and Solar Energy Plants ● Creating Sustainable Rural Energy Plans ● Survey of CFL/ LED lamps, electric fan regulator and electronic ballast for tube light to conserve electricity ● Frictionless foot valves to considerably reduce the consumption of diesel in running the pump sets. ● Feasibility of using rechargeable battery-operated systems across various occupations and institutions ● Mechanical washing machines to empower women ● Awareness camps on energy efficient electrical appliances ● Partner with local NGOs and CSR organizations in this field ● IEC about benefits of related government Programmes | 1.Dr.Ashok Kumar Committee Head 9843748357 ashokkumar.sls@crecident.education 2. Mr.Ramkumar 9941602400 ramkumar@crecident.education 3.Mr.Balaji 7397788026 b.balaji1983@gmail.com |
| 9. | GREENERY (CAMPUS) | <ul style="list-style-type: none"> ● Setting up a nursery/kitchen garden ● Setting up a seed bank ● Setting up a compost pit ● Researching trees that take up minimal water and are good for the ecosystem (local, resilient species)and planting them during monsoon and taking care of them (Vanamahotsav) ● Landscaping in the campus ● Use of organic manure for the plants ● New buildings on the campus will follow green building norms | 1.Mr.Habeeb sulthan Committee Head 9444008668 habeebulthan@crecident.education 2.Dr.Priya.VS 9884367843 priya@crecident.education 3. Mr.Veeramuthu 6380031047 |

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| 10. | GREENERY (COMMUNITY/A DOPTED VILLAGES - To Promote Rural Social Entrepreneurship and Community Engagement) | <ul style="list-style-type: none"> ● Growing Miyawaki forests/Nakshatravanam on barren land/Village Greenery Programme ● Eco friendly agricultural practices ● Smokeless Stoves ● Village landscaping ● Documenting indigenous knowledge ● Partner with local NGOs and CSR organizations in this field ● Lok Vidya | 1. Dr. Priya.V S Committee Head 9884367843 priya@crescent.education 2. Mr. Habeeb sulthan 9444008668 habeebulthan@crescent.education 3. Mr. Veeramuthu 6380031047 |

We will observe a minimum of **three** of the following Environment, Entrepreneurship & Community Engagement Related Days to inculcate and internalize in our faculty, students and community, the values of Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources (**tick any three**)

| # | Day | Date | |
|-----|---------------------------------|-----------------------------------|---|
| 1. | National Youth Day | Jan 12 | |
| 2. | International Mentoring Day | Jan 17 | |
| 3. | Global Community Engagement Day | Jan 28 | |
| 4. | World Wetlands Day | Feb 2 | |
| 5. | World CSR Day | Feb 18 | |
| 6. | World NGO Day | Feb 27 | |
| 7. | World Water Day | Mar 22 | √ |
| 8. | CSR Day India | Apr 1 | |
| 9. | Earth Day | April 22 | |
| 10. | World Environment Day | June 5 | √ |
| 11. | No Plastic Day | July 3 | |
| 12. | World Population Day | July 11 | |
| 13. | World Entrepreneurs Day | Aug 21 | √ |
| 14. | World Habitat Day | 1 st Monday of October | |
| 15. | National Mentoring Day | Oct 27 | |
| 16. | Women's Entrepreneurship Day | Nov 19 | |
| 17. | World Toilet Day | Nov 19 | |
| 18. | National Pollution Control Day | Dec 2 | |
| 19. | World Soil Day | Dec 5 | |

Date: 26.08.2020


 Deputy Director
 (Campus Development & Maintenance)
 B.S. Abdur Rahman
Crescent
 Institute of Science & Technology
 Vandalur, Chennai-600 048.

Digital Signature of Principal (Convener of SES REC Institution) with Digital Institutional Seal

Please post to moetn7sesrec@gmail.com