Editorial
Amazon forest, situated in northern part of South American continent is unique in its size, characteristics, biodiversity, primitive tribal communities and cultural significance. It is an extraordinary creation on earth which beholds the global consciousness. It's a vast region that spans across eight countries and one overseas territory: Brazil, Bolivia, Peru, Ecuador, Colombia, Venezuela, Guyana, Suriname and French Guiana.

No other place on this planet showcases the diversity of life like the Amazon. The Amazon Biome consists of One in ten known species on Earth; the largest river basin on the planet with one million km2 of freshwater ecosystems. To date, at least 40,000 plant species, 427 mammals, 1,300 birds, 378 reptiles, more than 400 amphibians and around 3,000 freshwater fish including the piranha have been found in the Amazon. These numbers are a mere fraction of smaller life forms. It is estimated around 1,00,000 invertebrate species in the territory of Brazil itself. It is home to 34 million people, including 385 indigenous communities.

Amazon is facing an unprecedented ecological peril due to heavy human influx and activities in the interiors such as cattle ranching, logging, soya, rubber tapping, settled farming, poaching, hunting, biro piracy etc. Recent acceleration in forest fires indicates the severity and spread of deforestation in Amazon.

This world's largest remaining tropical forest contains 90-140 billion metric tons of carbon. The release of even a portion of which would accelerate global warming significantly. Amazon far-reaching climatic influence one and all have to ponder upon.

Not only Amazon, forest fires and plunder are prevalent across the world especially in tropical regions. As an apex species and most intelligent civilised being on earth, we humans have to be conscious and responsible to safeguard the planets natural treasures.

“The world's forests are a shared stolen treasure that we must put back for our children's future” Desmond Tutu
Krishna-Bheema Vanachaitanya Yatra
CGR continued the facilitation of Krishna-Bheema Vanachaitanya Yatra massive tree plantation in August 2019.

This green campaign was carried out throughout 100 schools (ZPHS, GHS, KGBV, and Social Welfare) of all 11 mandals of the district. CGR staff and 25 volunteers reached out 31928 students. CGR collected sapling indent from each student of the schools and submitted the list to corresponding officials who will provide saplings. About 153025 saplings will be planted through the programme. So far, 22000 saplings provided by the district administration and they are being planted by students.

Cultural training on environment
CGR facilitated training on cultural programmes like dance and singing imparted to the students through Swarna Bharati Kala Nilayam headed by Mohan Master. Master Prashant with the co-ordination of CGR has been imparting the training in various government high schools in the district. The trainings were conducted till 20th August in Zilla Parishad Schools at Marikal, Dhanwada, Nandipahad, Baharpet and Kosgi.

CGR Stall in Independence Day Celebration at Narayanpet
On the occasion of Independence Day, CGR and District Education Department set a stall and displayed and shared the need and methods for environmental protection.

JC Bose Memorial Gardens
As part of Krishna-Bheema Vanachaitanya Yatra, CGR has initiated JC Bose Memorial Gardens in schools CGR has provided 20 to 50 tall saplings (10ft) of 9 verities to each school for 100 schools in Narayanpet district. About 1900 saplings on a total were procured from Kadiyam, Rajahmaundry and distributed to the schools to all the schools in the CGR staff is on field monitoring and involving in plantation programme in schools.
Green Village Plantation

With an aim to create model green villages CGR has procured tall and healthy saplings of about 50 varieties and provided them to the villages listed here under. Mr. P. Kotaiah, Programme Officer co-ordinated the distribution of saplings and Mr. Venkatesh and Mr. K. Krishna have co-ordinated the plantation by organizing programmes in the villages.

As a continuation the green village programme, CGR in August distributed 50 varieties of saplings and facilitated the plantation in villages. With the saplings provided in August, the programme reached mark of 36,000 tall, healthy saplings of 62 varieties which are planted in 36 villages.

<table>
<thead>
<tr>
<th>Village</th>
<th>Mandal</th>
<th>District</th>
<th>Saplings Provided</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renikunta</td>
<td>Rajapet</td>
<td>Yadadri Bhonagiri</td>
<td>454</td>
</tr>
<tr>
<td>Kantayapalem</td>
<td>Thorrur</td>
<td>Mahabubabad</td>
<td>390</td>
</tr>
<tr>
<td>Kalakoda</td>
<td>Madgul</td>
<td>Rangareddy</td>
<td>1088</td>
</tr>
<tr>
<td>Telangana Chef Colony, Botiguda</td>
<td>Shamshabad</td>
<td>Rangareddy</td>
<td>2300</td>
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<tr>
<td>Chinnamandadi</td>
<td>Peddamandadi</td>
<td>Wanaparthy</td>
<td>767</td>
</tr>
<tr>
<td>Sai Reddy Guda</td>
<td>Kandukur</td>
<td>Rangareddy</td>
<td>81</td>
</tr>
<tr>
<td>Buddonipally</td>
<td>Veldanda</td>
<td>Nagarkurnool</td>
<td>229</td>
</tr>
<tr>
<td>Nandipahad</td>
<td>Maddur</td>
<td>Narayanpet</td>
<td>1741</td>
</tr>
<tr>
<td>Renivatla</td>
<td>Maddur</td>
<td>Narayanpet</td>
<td>843</td>
</tr>
</tbody>
</table>

Coconut saplings distribution


Plantation in Kondur and Katrapalli

CGR provided 300 saplings for Kondur village in Rayaparti Mandal, Warangal Rural district as part of Green village programme. They were planted on 23rd August 2019 in the presence of Smt. K. Leela Laxma Reddy, President, CGR, Smt. Sarita Ravinder Reddy, Sarpanch, Mr. Ravinder Rao, Founder, VMF, Head Master, and Mr. Lenin, Eminent Singer,
Mr. Prashanth, Vivekananda Youth Association President were present.

On the same day CGR facilitated planting 150 saplings in Katrapalli, Rayaparti Mandal, Warangal Rural district where Smt. Leela Laxma Reddy, Mr. Lenin and Mr. Ravinder Rao were present along with the Mr. Venkateswarlu, HM, Mr. Kishore, Mr. Surender Reddy, Mr. Prashanth, Vivekananda Youth Association President were present. Mr. R. Venkatesh, CGR has co-ordinated both the programme.

**Green village plantation at Nadipahad**

2600 saplings were distributed to Nadipahad village, based on the indents submitted by the Earth Leaders. Distribution and plantation was carried out on 28th August 2019, at Nandipahad of Maddur mandal of Narayanpet district. Mrs. Kalindini, ZP CEO, MPDO, MPTC Sarpanch and other ward members were present in the programme.

**Green village plantation at Renivatla**

On 28th August 2019 as part of Green Village programme, 842 saplings of 35 local verities were provided by CGR for plantation for Renivatla village, Maddur mandal of Narayanpet district on 28th August 2019. Mrs. Kalindini, ZP CEO, MPDO, MPTC Sarpanch and other ward members.
Botanical Garden-Mahatma Gandhi University, Nalgonda

CGR has been working with Mahatma Gandhi University in green mission. The University and CGR has been in the process of making the sprawling premises into a green campus. In the process the university has already planted many saplings in the recent years and sustained them. The university has acquired all the planting and protection mechanism such as pit digging augur, fencing, watering system, number of volunteers etc.

There the university, this year has determined to create a botanical garden with unique species of local ecosystems. The university has earmarked the site for the garden in its campus. The University has consulted and sought the support of CGR for the development of the park. The garden is aimed to stand as an inspiring eco-park, biodiversity centre in the region serving ecological, educational aesthetic purposes.

CGR facilitated planting of saplings in Mahatma Gandhi University on 23 August 2019 to create a botanical garden. CGR provided 1190 saplings of 16 local verities. Prof. Yadagiri, Registrar of MGU, Smt. K. Leela Laxma Reedy, President, CGR, Mr. Madhu, Student Welfare officer, Mr. Naveen Rao, Dept. Social Work. Mr. C. Umamaheswar Reddy, Tech. Adv. Environment, CGR, Mr. R. Venkatesh, CGR, Dr. Domala Ramesh, NSS Co-ordinator, MGU, Dr. Alwala Ravi, Director Audit Cell, Dr. Akula Ravi, Head, Dept.Commerce and Business Management, Dr. Aruna Priya, Dept, English, Dr. Sridevi, Dept.Commerce Dr. Prashanti, Dept. Chemistry, Dr. Ramana Reddy, Dept. MBA and Students of Commerce, Social Work, English, MBA and Economics, Chemistry have participated and planted the saplings. Mr. Lenin, eminent singer inspired students with his stirring voice.
Buddha Vanam Plantation: Phase-II 2019

Given the success and survival of first phase plantation, a massive plantation drive was organized during 17th -23 August 2019 on Gummadidurru hill, an Archaeological Buddhist site, Penuganchiprolu mandal, Krishna district. Facilitated by CGR and stewarded by Mr. Nagesh many institutions in the area participated in this programme. About 2000 saplings of 25 local verities were planted and 2 lakh seeds were scattered over the hill by the school children ZPHS Boys highs school from Penuganchiprolu, Upper Primary School, Gummadidurru, ZPHS Jonnalagadda, GEMS School, Jonnalagadda, Ramreddypalli UP School, Shivapuram UP School, Teja DVR Degree and Jr. College, Nadigama. Nearly 700 students, teachers and many villagers, local youth have made this programme a big success.

Let us all congratulate our member Mr. Nagesh for his undeterred conviction and mission to transform the hill verdant and ecologically, aesthetically rich. Let this mission go a long way and inspire people across the lands.
Geo Spirit Meet at Phanigiri
CGR in association with Vandemataram Foundation organised a Geo Spirit meet on 17th August 2019 at village wilderness of Munigalavedu village, Nellikuduru mandal Mahabubababad district. About 52 members predominantly high school children from Nitin Bhavan of Vandemataram Foundation at Thorrur have participated the meet. The theme discussed was Role of Science and Technology on which Dr. Tallada Bhaskar, eminent scientist enlightened the students. Dr. N. Sai Bhaskar Reddy, Environmental Scientist has facilitated the programme and Sri Ravindra, Dr. Raju, MBBS, Mr. Yakamallu, Mr. Sandeep, Mr. Srikanth, Mr. Sai Kumar from VMF were also part of the programme. The programme was co-ordinated by Mr. R. Venkatesh, Programme Officer, CGR. All the speakers said that all species on this planet are important.
GGR invites articles, experiences, case studies etc. for the newsletter on environment, ecology and sustainable development issues. The articles shall not exceed two pages. Mail us; contact@cgrindia.org

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A SERENE LAKE IN AMAZON FOREST