



SRI KRISHNADEVARAYA EDUCATIONAL TRUST
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
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Report on **GLOBAL WIND DAY**

Objectives:

- **Raise Awareness:** Inform the public about the advantages of wind energy.
- **Encourage Engagement:** Motivate individuals and organizations to support wind energy initiatives.
- **Showcase Innovation:** Highlight advancements and successes in wind technology.

Benefits :

Increased Awareness and Education

- **Public Understanding:** Raises awareness about the benefits and workings of wind energy, helping to demystify the technology and its advantages.
- **Educational Opportunities:** Provides educational resources and activities for all age groups, from school programs to workshops, enhancing knowledge about renewable energy.

Promotion of Renewable Energy

- **Advocacy for Wind Power:** Highlights the role of wind energy in reducing greenhouse gas emissions and combating climate change.
- **Showcasing Technology:** Demonstrates the latest advancements in wind turbine technology and wind energy systems.

Community Engagement

- **Local Involvement:** Encourages local communities to participate in events such as wind farm tours and exhibitions, fostering a sense of involvement and connection with renewable energy projects.
- **Public Events:** Organizes community events that promote wind energy projects and innovations, strengthening local support for wind initiatives.

Support for Policy and Investment

- **Policy Promotion:** Influences policymakers by showcasing the benefits of wind energy and advocating for supportive policies and incentives.
- **Investment Attraction:** Attracts investment in wind energy projects by demonstrating their economic and environmental benefits, potentially leading to increased funding and development.

Economic Benefits

- **Job Creation:** Highlights the job opportunities created by the wind energy sector, from manufacturing to maintenance and project management.
- **Economic Growth:** Promotes the economic benefits of investing in wind energy, including local business opportunities and infrastructure development.

Environmental Impact

- **Climate Action:** Emphasizes the role of wind energy in reducing reliance on fossil fuels and lowering carbon emissions, contributing to global climate goals.
- **Sustainable Development:** Supports sustainable development by promoting clean energy sources and reducing environmental degradation.

Encouragement of Innovation

- **Technological Advancements:** Showcases innovations and advancements in wind technology, encouraging further research and development in the field.
- **Knowledge Sharing:** Facilitates the exchange of ideas and best practices among industry experts, researchers, and stakeholders.

Global Solidarity and Collaboration

- **International Awareness:** Builds a global community focused on wind energy and sustainability, fostering international collaboration and knowledge sharing.
- **Shared Goals:** Aligns diverse stakeholders around common goals related to renewable energy and climate action.

Enhanced Public Support

- **Positive Perception:** Improves public perception of wind energy by highlighting its benefits and addressing misconceptions.
- **Community Support:** Encourages local support for wind projects, which can lead to smoother project implementation and community acceptance.

Long-Term Impact

- **Behavioral Change:** Inspires individuals and organizations to support and adopt renewable energy solutions, contributing to long-term sustainability.
- **Future Planning:** Promotes long-term planning and investment in wind energy infrastructure, supporting the transition to a clean energy future.

Key Activities

Educational Events

- **Workshops and Seminars:** Held in various locations, these events provide insights into how wind turbines work and their impact on reducing carbon emissions.
- **School Programs:** Educational institutions conduct activities and projects related to wind energy, engaging students in hands-on learning.

Public Engagement

- **Wind Farm Tours:** Guided tours of wind farms offer a closer look at how wind energy is harnessed and its benefits.
- **Community Events:** Local events, including exhibitions and fairs, are organized to showcase wind energy projects and innovations.

Media and Outreach

- **Social Media Campaigns:** Use of social media platforms to share information, infographics, and success stories related to wind energy.
- **Press Releases:** Distribution of reports and articles highlighting key achievements and milestones in the wind energy sector.

Achievements and Highlights

Technological Advancements

- **New Turbine Designs:** Introduction of more efficient and durable wind turbine designs.
- **Offshore Wind Farms:** Growth in the number of offshore wind projects, contributing to increased energy production.

Policy and Investment

- **Government Initiatives:** New policies or incentives introduced to support wind energy development.
- **Investment Trends:** Increase in private and public investments in wind energy infrastructure.

Challenges and Opportunities

Challenges

- **Infrastructure:** Need for improved infrastructure to support the growth of wind energy projects.
- **Public Perception:** Addressing misconceptions and resistance related to wind energy.

Opportunities

- **Job Creation:** Growth in the wind energy sector creates new employment opportunities.
- **Technological Innovation:** Continued research and development lead to more efficient wind energy solutions.

Conclusion

Global Wind Day serves as a pivotal occasion to celebrate the progress in wind energy and to commit to further advancements. By increasing awareness and promoting engagement, we can collectively work towards a sustainable future powered by clean, renewable energy.

1. **Academic Year:** 2023-24
2. **Program Driven by:** IIC Activity Calendar
3. **Quarter:** III
4. **Program /Activity Name:** Global Wind Day
5. **Program theme:** Self Driven Activity
6. **Duration of the event (in minutes):**180 minutes /1 Day Program/ 3 Hours
7. **Start date:**15-06-2024
8. **End date:** 15-06-2024
9. **Number of Student participants:**100
- 10.**Number of faculty participants:**10
- 11.**Number of External participants:** Nil
- 12.**Expenditure of amount (if any):** Rs.7500
13. **Mode of Delivery (Online/Offline):** Offline

