Dear Friend,

The impact of Covid 19 on the infrastructure and construction sector has been extensive and damaging. In last one year the coronavirus pandemic has changed the world and impacted our lives in ways that were largely unimaginable. Now as countries slowly start planning to rebuild their economies, create jobs and strengthen public infrastructure, they have a unique opportunity to make intelligent course corrections in their development approach by embracing Green Building materials and construction technologies which are energy efficient sustainable, affordable and environment friendly.

The construction sector is highly energy-demanding and carbon-intensive, accounting for 39% of global energy-related CO2 emissions. India is witnessing tremendous growth in infrastructural development which is now one of the largest economic activities. Construction sector is growing rapidly but preserving the environment is a challenge as natural resources are depleting at an alarming rate. While this rapid expansion of infrastructure is a challenge for the construction sector on its path to meet the goals of the Paris Agreement, it also opens a window of opportunity. The construction sector can provide the boost we need to jump-start the economy in the aftermath of COVID-19.

India has vast coal reserve of over 211 Billion Tons making coal as most extensively used fossil fuel for generation of power in the country. By the year 2030 coal consumption in power sector is expected to reach 1000 million tons which will generate about 400 million tons of Fly ash. The disposal of which is a serious concern as it is a major source of Environmental pollution.

We, GREEN ASH FOUNDATION, an NGO and non-profit organisation have taken up the task to promote Fly Ash as Green building material by organising training programs, workshops, conferences and develop affordable technologies to maximize use of Fly Ash. Since 2017 we are organising International Conference & Expo “GREEN ASHCON” for the benefit of all stakeholders. This year GREEN ASHCON 2021 & GREEN BUILDCON 2021 are organized jointly with The Institution of Engineers (India) Nagpur Centre on 25th & 26th March 2021.

About 500 delegates and over 100 exhibitors representing Green Building material manufacturers, Power Producers, Cement Industries, Fly Ash users, Researchers & Scholars, Public & Private sector organizations are expected to participate.

We invite you to sponsor the event, participate in the exhibition and nominate delegates from your organisation. A copy of brochure is attached herewith.

For registration visit our website www.greenashcon.com

Thanking you,
Yours Sincerely,

Sudhir Paliwal
Convenor, GREEN ASHCON 2021
CONFERENCE ON
FLY ASH UTILISATION
& GREEN BUILDING MATERIALS
25, 26 & 27 March 2021
Venue: Institution of Engineers (I) Nagpur
North Ambazari Road, Nagpur - 440010

ORGANIZED BY:
GREEN ASH FOUNDATION

Supported By:
ORGANISERS

GREEN ASH FOUNDATION, an NGO and non-profit organisation have taken up the task to promote Fly Ash as Green building material by organising training programs, workshops, conferences and develop affordable technologies to maximize use of Fly Ash.

The Conference GREEN ASHCON is organized by Green Ash Foundation since 2017 to promote Fly Ash as Green Building Material. GREEN ASHCON 2021 & GREEN BUILDCON 2021 is organized jointly with The Institution of Engineers (India) Nagpur Centre on 25th & 26th March 2021. The Institution of Engineers (India) is a statutory body to promote and advance the engineering and technology, established in 1920 and incorporated by Royal Charter in 1935. It is the largest multi-disciplinary professional body of engineers encompassing 15 engineering disciplines with a corporate membership of over 2 lakhs. Nagpur Local Centre of The Institution of Engineers (India) was established in 1947. The Centre gave two National Presidents to the Institution of Engineers (India) and eminent engineering personalities in the practicing field.

CURRENT SCENARIO

India is witnessing tremendous growth in infrastructural development. The construction industry has become one of the largest economic activities. Construction sector is growing rapidly but preserving the environment is a challenge as natural resources are depleting at alarming rate.

Green building, also called sustainable building or green construction, is the concept of creating structures and processes that are environmentally responsible and resource-efficient throughout a building’s life-cycle from siting to design, construction, operation, maintenance, renovation and deconstruction. Green buildings which are designed to use less water, improve energy efficiency, conserve natural resources and provide healthier spaces have a catalytic role in addressing environmental issues and global warming.

Green building materials are made from Fly Ash, Construction & Demolition waste, Industrial/Mining waste, Red Mud, Agro waste, Natural Fibres, FGD Gypsum, Geopolymer Cement, Bamboo, Engineered Wood, Rice Husk Ash, Waste Plastic Bricks etc.

India has vast coal reserve of 211 Billion Tons making coal as most extensively used fossil fuel for generation of power in the country. By the year 2030 coal consumption in power sector is expected to reach 1000 million tons which will generate about 400 million tons of Fly Ash. Ministry of Environment Forest & Climate Change, MoEF&CC, Govt of India, has come out with various notifications to promote 100% Ash Utilisation and made it mandatory for Fly Ash producer to supply fly ash free of cost upto 100 Kilometres radius to all users. However the present utilisation of Fly Ash is low as only 83% is utilised in sectors like Cement, Reclamation of Low Lying Area, Ash Dyke Raising, Bricks & Tiles, Mine Filling, Roads & Embankments etc.

GREEN ASHCON 2021” and “GREEN BUILDCON 2021

Conference will have various sessions & presentations on:

- Fly Ash utilisation scenario in India and Maharashtra State Fly Ash Policy.
- Fly Ash utilisation presentation by power plants in Maharashtra.
- Directives issued by MoEF&CC, CPCB, Environment Department, Government of Maharashtra, Maharashtra Pollution Control Board,(MPCB).
- Regulatory & Legal framework for generation and utilisation of Fly Ash.
- Grinding, Classification and Mechanical activation of Fly Ash for high strength concrete.
- Bulk storage & transportation of Fly Ash. Energy conservation in Fly Ash handling, transportation and utilisation.
- Bioremediation of waste lands, ash ponds & restoration through sustainable plantation of bamboo/ bio energy crop.
- Export potential of Fly Ash and cenospheres.
- Employment potential in Fly Ash utilisation sector, FGD gypsum, Fly Ash bricks , AAC blocks, EPS panels.
- Fly Ash Clay Bricks - energy efficient zig zag brick kilns & vertical shaft brick kilns.
- Fly Ash based engineered stone flooring – substitute for granite & marble flooring using fly ash and Mining Industry waste.
- Engineered Wood from Bamboo & Agro waste and Natural fiber based building materials.
- Manufactured Sand as alternate to River Sand. Fly Ash Steel Fiber pre-cast concrete products.
- Clean Coal Technologies - washed coal for ash reduction.
- Torrefied Fuel - Torrefaction process to convert biomass into a coal-like material.
Highlights - “GREEN ASHCON” 2017 - 2020

EVENT VENUE:
Institution of Engineers (I) Nagpur
North Ambazari Road, Nagpur 440010

EVENT SCHEDULE
25 March 2021

DAY - 1
10:00 HRS
10:30 HRS
10:45 HRS
11:00 HRS
11:30 HRS
12:00 HRS
12:30 HRS
13:00 HRS
14:00 HRS
15:00 HRS
16:00 HRS
16:30 HRS
17:00 HRS

WALK THROUGH

EVENT DAY 1

DAY - 2
10:00 HRS
10:30 HRS
11:00 HRS
11:30 HRS
12:00 HRS
12:30 HRS
13:00 HRS
14:00 HRS
15:00 HRS

WALK THROUGH

DAY - 3
10:00 HRS
10:30 HRS
11:00 HRS
11:30 HRS
12:00 HRS
12:30 HRS
13:00 HRS
14:00 HRS
15:00 HRS

VALEDICTORY CEREMONY
END OF EVENT

EXHIBITION STALL TARIFF

1) 3m x 3m Stall
   Rs. 6,500 per Sq. M +GST@18%

2) 3m x 6m Stall
   Rs. 6,000 per Sq. M +GST@18%
## Delegate Registration Details

<table>
<thead>
<tr>
<th>SR. NO.</th>
<th>PARTICULARS</th>
<th>FEES</th>
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<tbody>
<tr>
<td>1</td>
<td>Industry and Government Representative</td>
<td>Rs. 5000/-</td>
</tr>
<tr>
<td>2</td>
<td>Small Scale Industry/ Industry Association Representative</td>
<td>Rs. 3000/-</td>
</tr>
<tr>
<td>3</td>
<td>Researchers and Scholars</td>
<td>Rs. 2000/-</td>
</tr>
<tr>
<td>4</td>
<td>Students of Full Time Degree/Diploma course</td>
<td>Rs. 1000/-</td>
</tr>
</tbody>
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### Sponsorship

<table>
<thead>
<tr>
<th>TITANIUM</th>
<th>PLATINUM</th>
<th>GOLD</th>
<th>SILVER</th>
<th>(+ 18% GST Extra)</th>
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</thead>
<tbody>
<tr>
<td>15 Delegates</td>
<td>10 Delegates</td>
<td>7 Delegates</td>
<td>5 Delegates</td>
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</tbody>
</table>

### Payment Methods

By Cheque / Draft in favour of "GREEN ASH FOUNDATION" OR By Direct Transfer

**Account Name:** GREEN ASH FOUNDATION  | **Account Number:** 349802010071353  
**Bank:** Union Bank of India  | **Branch:** Gokulpeth, Nagpur  | **IFSC:** UBINO534986

**Patrons:**
- Shri Ashish Jaiswal, Chairman, Maharashtra State Mining Corporation, Nagpur
- Smt. Buneeswaran Suryan, IAS, Chief Executive Officer, Nagpur Smart and Sustainable City Development Corporation Limited
- Shri Raju P. Burde, Executive Director, O&M, Maharashtra State Power Generation Co. Ltd
- Shri P. M. Parwani, Director, MSME-Development Institute, Ministry of Micro Small & Medium Enterprise, Government of India
- Shri Ashok Dharmananda, Joint Director of Industries, Nagpur Region
- Shri S. D. Dashotra, Chief Engineer, Public Works Department, Nagpur
- Shri V. M. Mehandre, Director, Maharashtra Pollution Control Board
- Shri Abhijit Ghosh, Director & CEC, Western Region, Petroleum Conservation Research Association
- Shri Prashant Gadam, General Manager, Mahalaxmi Phule Backward Class Development Corporation Ltd
- Dr. D. B. Shirivastava, Chairman, The Institution of Engineers (India) Nagpur Region
- Shri Hemant Valani, Executive Director, Tribal Welfare
- Shri Ramesh Attiwale, Ex-Chairman-Maharashtra Builders Association of India, Nagpur
- Shri Anil Nair, Chairman, Builders Association of India, Nagpur Centre
- Shri Pradeep Nagrale, Chairman Elect, Builders Association of India, Nagpur Centre
- Shri Prakash Devalkar, Chairman, Builders Association of India, Butibori Centre
- Shri Vikas Kumar Kashyap, Senior Dir. Comm. Manager, South East Central Railway, Nagpur

**Convenor:** Shri Sudhir Pathak, Chief Mentor, Green Ash Foundation and Expert Member, Maharashtra State Fly Ash Council

**Organizing Committee:**
- Shri Nitin Ronghe, President, RTM Nagpur University Alumni Association, Shri M S Kadu, Hon. Secretary, The Institution of Engineers (India) Nagpur,
- Shri Rahul Nemade, President, RTM Nagpur Fly Ash Cluster, Dr Swapnil Wanjar, Asst. Prof. TNM, Shri Shishir K. Shele, Shri Shekhar Amin, Shri Rupesh Wairagade, Shri Sanjay Jumle, Assistant Vice President Reliance Power Industries Ltd, Shri Ravindra Mohekde, Dr. Abhay Deshmukh, Asst. Prof., Dept. of Physics, RTMNU, Shri S S Sonawane, Dr. Ravindra Gade, Shri S W Patil, Smt. Bharti Chakraborty, Shri Chetan R. Manohar, Shri Abhishek Agrawal.

For Registration & any other details visit our website www.greenashcon.com Email: greenashcon2021@gmail.com

**Contact Office:** 80, Ramdaspeth, Nagpur - 440010 (M): +91 84598 86492  
**Anil Gothi (Co-ordinator) +91 9822 73 63 43**

- Wear A Mask  
- Maintain Social Distancing  
- Wash your hands regularly