

**MISSION:** Help industries achieve energy and environmental sustainability.

**VISION:** Make India the most energy efficient country globally.

### PRODUCTS

- ❖ Industrial Furnace Burners
- ❖ Fog Cannons
- ❖ Air and Steam Assisted Highly Atomizing Spray Nozzles and Headers for Spray Cooling and Dust Suppression

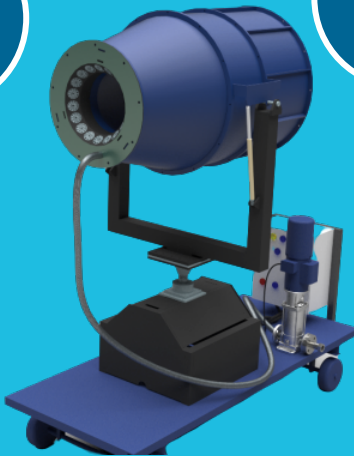
### SERVICES

- ❖ Nozzle Spray Characterization
- ❖ Furnace Burner Combustion Tests
- ❖ Spray System and Facility Design

### FOG CANNON

DUST AND  
SMELL  
CONTROL

WATER AND  
POWER  
EFFICIENT



MAINTENANCE  
SUPPORT

FULLY  
CUSTOMIZED

PATENT  
PENDING  
TECHNOLOGY

### INDUSTRIES

- ❖ Power Plants
- ❖ Cement Plants
- ❖ Stone Crushers
- ❖ Steel Plants
- ❖ Mines
- ❖ Production Facilities

### APPLICATIONS

- ❖ Stockpiles
- ❖ Conveyor chutes
- ❖ Mine blast dust
- ❖ Dust hoppers & crushers
- ❖ Loading/unloading trucks
- ❖ Airborne dust
- ❖ Construction sites
- ❖ Odor Control
- ❖ Smog

### Working Principle

When finely atomized water is sprayed onto areas with flying dust, the water droplets attach themselves to the dust particles and bring them down to the ground.

# FOG CANNON MODELS

Specification	GDS-25	GDS-50	GDS-70	GDS-100
Blower (HP)	5	10	20	50
Pump (HP)	3	7	7	7
Max. Flow rate (l/h)	2000	4000	6000	8000
Throw (m)	20-25	45-50	65-70	90-100
Max. / Min. Pitch	60° / -20°	60° / -20°	60° / -20°	60° / -20°

## OPTIONS

Remote control via handset or PLC | Skid/Trolley Trailers/Truck mounted | Generators | Automatic Oscillations

### Why BnG?

We use patent pending cannon and spray technologies that help atomize water droplets atleast 4 times better than the competition. This allows for lower water and power usage in achieving effective dust suppression.

## FOUNDING TEAM



**Mr. Arindam Ghatak**  
Managing Director

IIT Kharagpur (BTech)  
The Ohio State University at Columbus (MS)  
System design, project management  
14 years' experience including  
10 years in the upstream oil and  
gas industry in Houston, Texas.



**Mr. Sakthikumar R.**  
R&D Head

Anna University (BE)  
Birla Institute of Technology, Mesra (MTech)  
Expertise in cold spray systems, rocket propulsion and  
setting up research facilities  
8 years experience at IISc, Bengaluru.



**Mr. Ajith S. Nair**  
Design Head

Institutes of Engineers India (AMIE)  
Product design, system analysis  
4 years as Project Associate at IIT Madras

## CONTACT DETAILS

contactus@bngspraysolutions.com | +91 94871 52586 | +91 91139 97209

<http://bngspraysolutions.com>

#69/2, N.R.Nivas (Behind KK Bakery), Raghavendra Temple Road, Sharadamba Nagar, Jalahalli, Bengaluru – 560013, Karnataka, India

REGISTRATION NO  
115962

CIN  
U29309KA2018PTC115962

DIPP No  
29309

KBITS No  
KBITS/SK-REGN/2018-19/943

GSTIN  
29AAHCB9798C1Z3