

# STG

**Strategic Technology Group LLC**  
Experts in Power Electronics, Motor Drives  
and Digital Control of Power

<http://www.strategictechgroup.com/india/>

Offices in USA, UK and India

## A Workshop on Unleashing Innovation

Tools and Techniques for Short Product Launch Cycles  
& Exceptional Product Performance

**Direct Application to Electric Vehicles, Motor Drives ,  
Switch Mode Power Supplies & Embedded Systems**

December 10 & 11

At The Pride Hotel, Bangalore



Rakesh Dhawan  
President & CEO, STG

Rakesh Dhawan is a twenty years veteran of High Technology Industry. Rakesh has B.Tech in Electrical Engineering from IIT, Kharagpur, Masters' (MSEE) from University of Minnesota, USA, and MBA from Old Dominion University, USA. Rakesh has been an entrepreneur who has built several high quality technology businesses in the past. He has six approved and filed patents and twenty five conference and journal publications to his credit. His expertise includes light electric vehicles, brushless and induction motor drives, switch mode power supplies, solar inverters, simulation, statistics, project management and new and ultra-fast product development. Rakesh has built and managed several high tech product development teams in his career. He has been directly responsible for over twenty five successful product launches in his career. Rakesh has conducted several workshops in the US, in the recent past. He feels that Indian industry is fast moving up the value chain, and is poised to benefit from such events/workshops. This is the second workshop in a series of such events, the first being in Pune.



Bhuvanesh Sharda  
Knowledge Navigation

Bhuvanesh Sharda is a sustainability practitioner who believes that Industrial and Business sustainability is interwoven with the sustainability of the environment and nature. He is a mechanical Engineer with Automobile specialization with an experience of twenty five years in the Automobile, White Goods and Engineering Industry. He has been deeply involved in setting up green/brown field projects for well known organizations like Hindustan Isuzu at Halol (now known as General Motors), Eicher Tractors at Alwar, Ashok Leyland, IFB Dish washer and Microwave, Merloni TermoSanitari Chakan Tata Yazaki, Minda and Tenneco. Bhuvanesh has developed in depth understanding of the philosophies like TQM, Lean, TPM, TPS, TBEM and TOC. Bhuvanesh has worked in large cross sections of industries, products and technologies and cultures within India and abroad. He is a hands on person with experience in running all functions in an organization.

### Why this Workshop?

**India is destined to be the next super power.** Eventually India may eclipse China, Europe, Japan and the US. However, this can not happen without serious innovation. Today, the level of innovation in India remains woefully low as compared to the developed countries.

- Significant opportunities can be leveraged through the use of correct methods and tools.
- India has the brain power and the infrastructure.
- India's market is emerging rapidly and her appetite for technology has increased significantly in the past few years.

### Major Opportunity in the Field of Power Electronics, Motor Drives & Embedded Systems:

Power Electronics and Motor Drives remain vital and critical for industry and infrastructure development in India. These fields continue to play a key role in renewable energy converters, hybrid vehicles, automobiles with fuel cells and home and office use distributed power systems. The pace of innovation in Power Electronics Technology is expected to increase exponentially in the years to come. Major strides continue to be made in topologies, components, control algorithms, simulation and analysis.

### STG's Unique and Proven Approach:

What does it take to unleash innovation? What does it take to compete at the global level with American, European and Japanese companies? IT has been India's forte as a service provider. However, we have been unable in developing innovative technologies in the IT industry. Now is the time to think differently. The world is our playing field. Many Indian companies have resources and knowledge to play at the global level through the development of innovative technologies. Let us take advantage of this golden moment.

### This workshop is about

- Developing ultra-fast innovative Power Electronics, Motor Drives & Embedded Systems:
  - First day of the workshop is dedicated to tools and techniques for New Product Development, Product Feasibility, Product Development Cycle, Project Management, Statistics and Theory of constraints
  - Second day of the workshop is dedicated to the Design and Simulation of Electric Vehicles, Brushless and Induction Motor Drives, and Switch Mode Power Supplies using Spice.

### Workshop Costs:

#### Early Bird Price inclusive of all taxes (Before 19 November 2010):

*Private Institutions:* ₹ 8,950/- per day (₹ 14,950/- for both days) per participant

*Educational Institutions:* ₹ 6,950/- per day (₹ 12,950/- for both days) per participant

*Students:* ₹ 3,950/- per day (₹ 5,950/- for both days) per participant

*All Other Institutions:* ₹ 8,950/- per day (₹ 14,950/- for both days) per participant

Above is the cost of the workshop. It also includes food. It does not include accommodation.

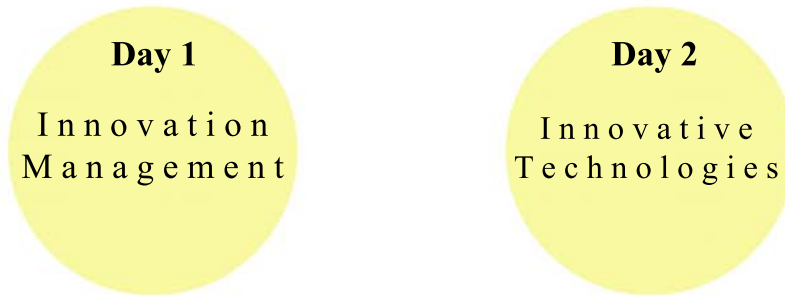
After November 19, Cost increases by ₹1000/- per day per participant.

**For Registration and further details, send email to: [seminars@strategictechgroup.com](mailto:seminars@strategictechgroup.com)**

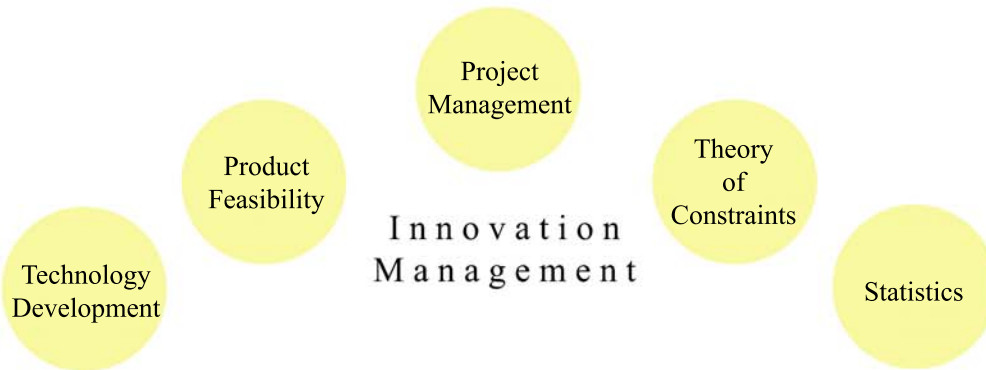
Corporate  
Discounts  
Available

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and further details  
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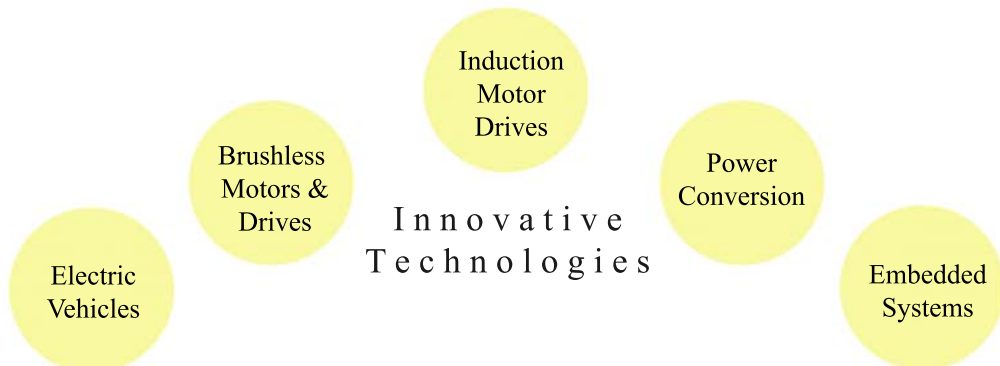
# Unleashing Innovation



## Day 1 - 5 Elements of Innovation Management



## Day 2 - 5 Innovative Technologies with Greatest Impact



Some of the Past Participatns



EMERSON™



SEMIKRON  
innovation+service



AvantGarde Solutions Pvt. Ltd.

Frontline Electronic And Machinery Pvt. Ltd.