

## EDITORIAL

### ON 50 YEARS OF INDIA'S SELF RELIANCE

The symbolic meaning of spinning wheel of Mahatma Gandhi is self reliance among suffering people. Self - reliance is God gifted ability. Fortunately India has been blessed with many such precious gifts by mother nature.

The first God's gift through India to the whole world is ancient yoga. Today Yoga is a household word in United States of America, Canada and other tension afflicted societies. The peace of mind is necessary experience for further automatic evolution. The recitation of God's names i.e. Japa yoga has proved to be very helpful for emotional relaxation. That is why it is quite popular in India.

The second God's gift through India to the whole world is music which can uplift our spirit to near trance state of mind. Popular Indian classical music is soul music and is deeply entertaining than music of passions. No wonder Indian music is catching up fast on world T.V. channels.

The third gift of God through India is ancient divine dreams which are being presented as TV serials to awaken hope in the minds of suffering people all over the world.

The fourth gift of God through India and Asia to the whole world would be ancient practice of herbal bio-chemical medicine which is bound to cure and reduce entropy of the body, mind and spirit of poor people; unlike purely chemical medicines which are bound to increase the entropy and disorderliness.

The fifth gift of God is Himalayan heaven to the whole world. Also, Himalaya is the best field laboratory for researchers, engineers and geologists. Our future lies in Himalaya.

By God's grace, Indian engineers and geologists have made the following major original contributions in past 50 years.

- \* Construction of water conductor system with plain cement concrete for major hydroelectric projects in complex geological conditions in Himalaya. The plain concrete lining without hoop reinforcement at all has been working well since 1980.

- \* Tunnelling has been accomplished in highly squeezing rock conditions. Even buckled steel ribs became stable latter. The steel fibre reinforced shotcrete is working better in squeezing ground conditions.
- \* In the 7 Km deep kolar Gold field, major rock bursts have been predicted and supported successfully.

Other major achievements are :

- \* Konkan rail-line with 88 tunnels, some in very soft ground is nearing completion.
- \* Over 80 Indian standard codes on Rock Mechanics and Tunnelling have been published for new generation.
- \* Field data collected by scientists in India has been appreciated world wide.

Mega plans are being made for Jammu - Srinagar Railway line, Rishikesh - Karnprayag Rail Line, Rohtang tunnel etc in complex geological conditions in seismically active Himalaya.

Multi-National Corporations have boosted quality of creativity and so consumer satisfaction world wide. The future trend appears to be that Government would invest more in the poor people, multinational companies in middle class; and advent of new religions from Himalaya: a place of harmony, creativity and bliss.

It is interesting to deduce a 30 year cycle from the past history of India. So by the auspicious year 2007, the expectation is that India would emerge again at its new peak of strength, originality and performance.

Chairman & Editors  
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