

**Synopsis**

**July 10, 2021**

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### CONTEXT: BACKGROUND OF NOTIONS OF INDIA

The Notions of India are based on the following idea:

1. 75 years of Independence: Freedom Struggles, Ideas, Achievements, Actions & Resolve of India
2. Inspiration, Strength, and Direction for the next 25 years until 2047 (100 years of Independence)
3. Motivate all citizens to achieve the goals that now seem impossible in order to shape India better

### CONCEPT: DESCRIPTION OF THE IDEA

1. **Unity in Diversity**: Citizens with diverse religions, cultures, languages live together in Harmony and Integrity
   1. **Representation**: Similar to Ashoka Chakra's 24 spokes, we have 24 tubes arranged in one pattern. Each tube represents a few Key Aspects underlying our Independence and the foundation for our nation's growth. These are as follows:
      1. Vedas
      2. Freedom fighter’s struggle
      3. Freedom fighter’s movement
      4. Largest Constitution in the World
      5. Sovereign Socialist Secular Democratic Republic Nation
      6. Satyameva Jayate
      7. Indian Arm forces (Army, Navy, Air force)
      8. Indian culture
      9. Agriculture
      10. Education
      11. Healthcare
      12. World's largest youth population
      13. Ayurveda
      14. Space Mission
      15. Make in India
      16. Digital India
      17. Yoga
      18. Innovations
      19. Iconic Monuments & Heritage sites
      20. Election in India: EVMs
      21. Swachh Bharat Mission
      22. Smart cities
      23. Helping hands for all nations
      24. Latest technology
2. **Gender Equality**: Indian society is changing in terms of women's education, gender equality, equal employment opportunities and the reduction of crime cases. India will be a country for All Genders with equal rights & opportunities, not just for men & women.
   1. **Representation**: A citizen represents all genders, including men, women, LGBTQ individuals, and others. Our goal is to Eliminate Discrimination across all sectors with respect and care for others.
3. **Gear**: India has demonstrated growth in numerous sectors such as agriculture, manufacturing, automobile, technology and initiatives such as Make in India and Digital India. Every machine runs on gears, whether it's a vehicle, piece of equipment, or computer. The Indian citizen carries the Gear to Ensure the Quality.
   1. **Representation**: The spur gear symbolizes Technology and Innovation from independence to the future.
4. **Diamond**: Diamond is one of the precious materials in the World. Moreover, it represents 75 Years of Memory of the important events. Its properties include high strength, optical transparency, and resistance to exposure.
   1. **Representation**: The diamond-shaped White Sapphire represents 75 years of independence. This is a symbol of Quality, Growth, and a Bright Future.

### MEDIUM: HOW STEEL IS IDEAL & ANY ASSOCIATED MATERIALS USED

1. **YST 355 Circular Hollow Section**: Used for Pattern Arrangement
   1. Excellent quality with high-grade raw materials
   2. High yield strength (355 MPa) & ultimate tensile strength (490 MPa)
   3. Steel savings of up to 40% compared to conventional angles and channels make this product cost-effective
   4. Casting flexibility and good strength-to-weight ratio
   5. Excellent torsion resistance and multiple-axis loading due to its uniform geometry
2. **Bronze:** Used for Citizen Statue with Gear
   1. Superior than local materials in terms of strength
   2. Very good ductility
   3. Due to its low melting point, it is easier to cast than steel or iron, allowing artists to cut into minute details
   4. Weather-resistant for several years
   5. Requires little maintenance
3. **White Sapphire**: Representing the Diamond
   1. A better alternative to diamond
   2. Cost-effective
   3. An electrically insulating material
   4. In Indian astrology, this gemstone carries the positive energies of the planet Venus. This gemstone is a sign of good health, wealth, and harmony.

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### THANK YOU