



**Viksit Bharat@2047**

**Southern Zone Activity Reporting Performa**



**Note:**

- University report on activities conducted to be submitted by 5<sup>th</sup> April, 2024
- Please attach Geo-tag photographs of workshops/brainstorming discussion sessions undertaken in this Activity Reporting Performa of the University

### **Activity 1 - Awareness Session**

**Name of the University:** Sathyabama Institute of Science and Technology

**Date of workshop/rally/brainstorming/discussion sessions:** 26.3.24

**Time:** 10.00 AM – 11.00 AM

**Venue:** AC Auditorium at University campus

**Type of activity**(✓ the activity conducted): **Awareness Session**

- Creating Awareness ✓
- Thematic Area Focused - Skilling, upskilling and reskilling
- Stakeholders involved- Students ( ✓ ); Faculty( ✓ ); Industry Partners (    ); Government Representatives (    ); Others (Specify):

#### **Content/Concept Note of the Workshop/Activity**

- Agenda of the Workshop/Activity: To create awareness on Viksit Bharat @2047 among students
- **Brief Concept Note of the Activity:**

Viksit Bharat @2047 envisions a developed and prosperous India by the year 2047, marking the centenary of its independence. To achieve this vision, our Institution has organized an awareness session with the aim of creating awareness among students about our nation's vision.

- Our Vice Chancellor Dr.T.Sasipraba addressed the students beginning with giving an overview of the concept of Viksit Bharat @2047, with a vision of becoming a 'developed country' by 2047.
- The significance and objectives are highlighted to provide a foundational understanding about the initiative among the students.
- Emphasis was given on the prime role of youth in shaping the future of the nation.

- Participants were briefed about the nation's goal on Economic and GDP growth of \$5 trillion by 2027 and 2047.
- key thrust areas of this vision such as Skilling, innovation & entrepreneurship, Industries & Services of future, Education, Health, etc are briefed to students
- Interactive discussions took place among students to explore the importance of these areas in nation-building.
- Students were asked to identify potential avenues through which they can contribute to Viksit Bharat @2047
- Emphasis was given in nurturing skilling, upskilling, Reskilling, innovation, and entrepreneurship among students.
- The session has provided enhanced understanding and increased sense of responsibility towards nation-building among students

**Participant's Details:** 350 students from various disciplines have enthusiastically participated and were interactive in sharing their ideas

**Name of the Subject Expert/s/Faculty invited for the discussion-**

Dr.T.Sasipraba – Vice Chancellor, Sathyabama Institute of Science and Technology

**Workshop/Activity Thematic Focus (Kindly tick whichever applicable)**

1. Accessible, Affordable, and Quality Education
2. Skilling: Upskilling and Reskilling ✓
3. Holistic, Quality & Affordable Health and Wellness for All
4. Development Vision for India ✓
5. Agriculture and Rural Economy
6. Industry of the Future ✓
7. Services of the Future ✓
8. Trade – Integrating with the World
9. Research, and Development ✓
10. Innovation and Entrepreneurship ✓
11. Transformative Governance: Reform, Perform and Transform



**SATHYABAMA**  
 INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)  
ACCREDITED WITH GRADE A++ BY NAAC  
CATEGORY - I UNIVERSITY BY UGC



**An Awareness Session on**  
**VIKSIT BHARAT @ 2047**  
 - A pathway to a developed country

**BE A CATALYST FOR CHANGE**

26.3.2024 @ 10 AM

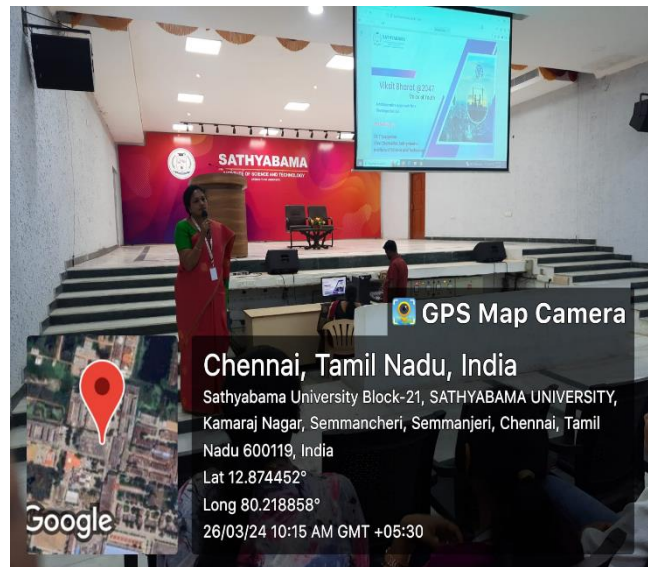


**Dr T Sasipraba**  
Vice Chancellor

Register at  
<https://forms.gle/33XWVceRBJJCwtfwH4A>



Venue  
 Dr.Remibai Jeppiaar Auditorium



## Activity 2 - Mentoring for Societal Causes

**Date of workshop/rally/brainstorming/discussion sessions:** 26.3.24

**Time:** 11.00 AM – 12.00 Noon

**Venue:** AC Auditorium at University campus

**Type of activity**(✓ the activity conducted): **Mentoring for Societal Causes**

- Thematic Area Focused - **Innovation & Entrepreneurship**
- Stakeholders involved- Students ( ✓ ); Faculty( ✓ ); Industry Partners ( ✓ ); Government Representatives ( ); Others (Specify):

### **Content/Concept Note of the Workshop/Activity**

- **Agenda of the Workshop/Activity:** To make the students understand the Importance of Innovation and entrepreneurship

- **Brief Concept Note of the Activity:**

Mr.Ariharan, Founder – Vugha Technological Solutions Pvt. Ltd, Chennai addressed the students highlighting the importance of

- Innovation in nation's development,
- Shifting youth's mindset from Employee to Entrepreneur,
- Identifying Market Needs and Opportunities,
- Developing a Business Model, Components of a Business Model,
- Common Challenges Faced by Entrepreneurs

- **Participant's Details:** 250 students from various disciplines have enthusiastically participated and were interactive in sharing their ideas

- **Name of the Subject Expert/s/Faculty invited for the discussion-**

Mr.Ariharan, Founder – Vugha Technological Solutions Pvt. Ltd, Chennai

- **Workshop/Activity Thematic Focus (Kindly tick whichever applicable)**

1. Accessible, Affordable, and Quality Education
2. Skilling: Upskilling and Reskilling
3. Holistic, Quality & Affordable Health and Wellness for All
4. Development Vision for India
5. Agriculture and Rural Economy
6. Industry of the Future

7. Services of the Future ✓
8. Trade – Integrating with the World
9. Research, and Development ✓
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Internal Quality Assurance Cell  
organizes a Mentoring Session on

## VIKSIT BHARAT@ 2047

- A pathway to a developed country

### INNOVATION & ENTREPRENEURSHIP

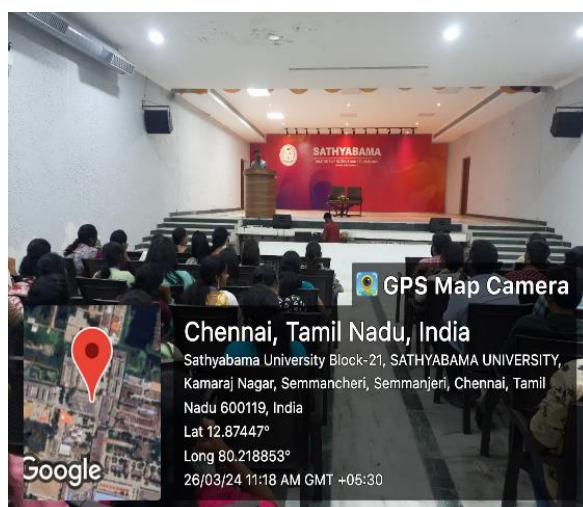
**26.03.2024**  
**11 AM**



**Mr. Ariharan**  
Founder, Vugha Technological Solution Pvt Ltd., Chennai

**Venue:**  
**Dr. Remibai Jeppiaar Auditorium**

<p><b>Conveners</b></p> <p>Dr. Anima Nanda Dean-IQAC Dr. M.S. Godwin Premi Professor/ECE Dr. D. Susitra Professor/EEE</p>	<p><b>Patrons</b></p> <p>Dr. T. Sasipraba Vice Chancellor Dr. E. Logashanmugam Pro Vice Chancellor Dr. S.S. Rao Registrar Dr. B. Sheela Rani Director-Research Dr. G. Sundari Director-Administration Dr. Igini Sabasti Prabu Controller of Examinations</p>	<p><b>Chief Patrons</b></p> <p>Dr. Mariazeena Johnson Chancellor Dr. Marie Johnson President Mr. J. Arul Selvan Vice President Mrs. Maria Bernadette Tamilarasi Vice President Ms. Maria Catherine Jayapriya Vice President</p>
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## Activity 3 - Micro – Level Workshop

**Date of workshop/rally/brainstorming/discussion sessions:** 13.3.24

**Time:** 9.30 AM – 10.30 AM

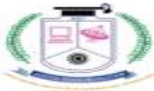
**Venue:** Power System Lab/ EEE Dept. at University campus

**Type of activity**(✓ the activity conducted): **Micro – Level Workshop**

- Thematic Area Focused – **Industry of the Future**
- Stakeholders involved- Students ( ✓ ); Faculty( ✓ ); Industry Partners ( ); Government Representatives ( ); Others (Specify):





### Content/Concept Note of the Workshop/Activity

- **Agenda of the Workshop/Activity:** To make the students understand the power of future Industries and need to prepare themselves Industry ready
- **Brief Concept Note of the Activity:**
  - Students are made to understand the emerging technological advancements and opportunities in future industries
  - Discussion on transformative changes expected in various sectors
  - How students should equip themselves with the knowledge and skills needed to thrive in the transformed future industries.
- **Participant's Details:** 150 students from the department of Electrical and Electronics Engineering have participated and were interactive in sharing their views
- **Name of the Subject Expert/s/Faculty invited for the discussion-**  
Dr.Radhika, HoD-Dept. of EEE, Sathyabama Institute of Science and Technology, Chennai.
- **Workshop/Activity Thematic Focus (Kindly tick whichever applicable)**
  1. Accessible, Affordable, and Quality Education
  2. Skilling: Upskilling and Reskilling
  3. Holistic, Quality & Affordable Health and Wellness for All
  4. Development Vision for India
  5. Agriculture and Rural Economy
  6. Industry of the Future ✓
  7. Services of the Future ✓
  8. Trade – Integrating with the World
  9. Research, and Development
  10. Innovation and Entrepreneurship
  11. Transformative Governance: Reform, Perform and Transform



# SATHYABAMA


INSTITUTE OF SCIENCE AND TECHNOLOGY  
(Deemed to be University)  
CATEGORY-T UNIVERSITY BY UGC  
[www.sathyabama.ac.in](http://www.sathyabama.ac.in)

**SCHOOL OF ELECTRICAL AND ELECTRONICS**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
INVITES YOU TO THE SEMINAR ON

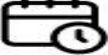
## TOWARDS A TRANSFORMED INDIA

Realizing the vision of Viksit Bharat @ 2047



**SPEAKER:**  
**DR.S.RADHIKA**  
HOD,DEPT OF EEE

**VENUE:**  
**POWER SYSTEM LAB**



**13/03/2024**  
**9:30 AM -10:30 AM**

**CHIEF PATRONS:**  
Dr. Mariazeena Johnson,  
Chancellor  
Dr. Marie Johnson,  
President  
Mr. J. Arul Selvan,  
Vice President  
Ms. Maria Bernadette Tamilarasi,  
Vice President  
Ms. Maria Catherine Jayapriya,  
Vice President  
**PATRON:**  
Dr.T.Sasipraba,  
Vice Chancellor

**CONVENORS:**  
Dr.N.M.Nandhitha  
Dean,School of EEE  
Dr.S.Radhika  
HOD,Dept of EEE  
**FACULTY COORINATORS:**  
Dr.N.M.Nandhitha  
Dean,School of EEE  
Dr.S.Radhika  
HOD,Dept of EEE



GPS Map Camera



**Chennai, Tamil Nadu, India**  
V6FC+J75, Kamaraj Nagar, Semmancheri, Chennai, Semmanjeri, Tamil Nadu 600119,  
India  
Lat 12.874022°  
Long 80.220787°  
13/03/24 10:10 AM GMT +05:30

**Date of workshop/rally/brainstorming/discussion sessions:** 26.3.24

**Time:** 10.00 AM – 12.00 Noon

**Venue:** IT Tower at University campus

**Type of activity**(✓ the activity conducted): **Micro – Level Workshop**

- Thematic Area Focused – Upskilling and Reskilling in increasing productivity and Innovations
- Stakeholders involved- Students ( ✓ ); Faculty( ✓ ); Industry Partners ( ); Government Representatives ( ); Others (Specify):

**Content/Concept Note of the Workshop/Activity**

- **Agenda of the Workshop/Activity:** To make the students understand the importance of continuous updating in skilling, upskilling and reskilling for Industry and market preparedness
- **Brief Concept Note of the Activity:**
  - Session highlighting the rapid changes in technology and market demands.
  - Highlighting practical strategies for continuous learning and professional development.
- **Participant's Details:** 150 students from the department of Bio Medical Engineering and Electronics & Communication have participated and shared their views on Viksit Bharat 2047
- **Name of the Subject Expert/s/Faculty invited for the discussion-**  
Dr.Uttam, Asst. Prof., Dept.of ECE, IIITDM – Kanchipuram
- **Workshop/Activity Thematic Focus (Kindly tick whichever applicable)**
  1. Skilling: Upskilling and Reskilling ✓
  2. Holistic, Quality & Affordable Health and Wellness for All
  3. Development Vision for India ✓
  4. Agriculture and Rural Economy
  5. Industry of the Future ✓
  6. Services of the Future ✓
  7. Trade – Integrating with the World
  8. Research, and Development
  9. Innovation and Entrepreneurship
  10. Transformative Governance: Reform, Perform and Transform



**Sathyabama Institute of Science and Technology**  
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Accredited A++ grade by NAAC U29 status of UGC approved by AICTE



**विकसित भारत  
अभियान**  
1947 TO 2047



**Dr. Uttam M. Pal**  
Designation: Assistant Professor, Department of Electronics and Communication Engineering, IIITDM Kancheepuram

**Topic: Upskilling and reskilling in Increasing Productivity and Innovations under**  
**Viksit Bharat campaign**

**Convenier**  
Dr. Anima Nanda  
(Dean IQAC)

**Venue: : Remibai Jeppiaar AC auditorium**  
**Date: 26/03/2024**  
**Timing :10 a.m**

**Organizing Secretary**  
Dr.T Sudhakar  
Ms. Sindu Divakaran



## Activity 4 - Panel Discussion / Focused Group Discussion

Panel / Group discussion was conducted on various dates and Venues covering participants from different departments.

**Date of workshop/rally/brainstorming/discussion sessions:** 22.3.24; 23.3.24; 27.3.24

**Time:** At various slots between 9.00 AM to 3.15 PM

**Venue:** Senate Hall- CAS, Meeting Hall – CAS, IT Tower, IRC Auditorium at University campus

**Type of activity**(✓ the activity conducted): **Panel Discussion / Focused Group discussion**

- Thematic Area Focused – **Skilling, Upskilling and Reskilling**
- Stakeholders involved- Students ( ✓ ); Faculty( ✓ ); Industry Partners ( ✓ ); Government Representatives (   ); Others (Specify):

### Content/Concept Note of the Workshop/Activity

- **Agenda of the Workshop/Activity:** Brief presentation on the objectives and Vision of Viksit Bharat and overview of key focus areas
- **Brief Concept Note of the Activity:**
  - Students understanding about the Viksit Bharat vision
  - Skill development / upskilling / reskilling initiatives aligned with the goals of Viksit Bharat
  - Discussion on other key focus areas of such as Education, Healthcare, Future industries & Services
  - Discussion on Current Challenges to achieve the vision
  - Group Brainstorming Session to Generate Innovative Solutions and Ideas
  - Discussion on Contribution to Viksit Bharat Initiatives
- **Participant's Details:** 250 students in various discussion groups actively participated in the discussion and shared their suggestions in achieving towards the Viksit 2047 vision
- **Name of the Subject Expert/s/Faculty invited for the discussion-**  
Dr.Animananda – Dean, IQAC ; Dr.Susitra – Prof/Dept. of EEE ; Dr.Godwin Premi – Prof/ Dept. of ECE
- **Workshop/Activity Thematic Focus (Kindly tick whichever applicable)**
  1. Accessible, Affordable, and Quality Education
  2. Skilling: Upskilling and Reskilling
  3. Holistic, Quality & Affordable Health and Wellness for All
  4. Development Vision for India
  5. Agriculture and Rural Economy
  6. Industry of the Future ✓

7. Services of the Future ✓
8. Trade – Integrating with the World
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**VIKSIT BHARAT @ 2047**  
- A pathway to a developed country

22.03.2024  
9:30 AM

Focused Group Discussion on the  
**Thrust Area:**  
**Skilling, Upskilling & Reskilling**

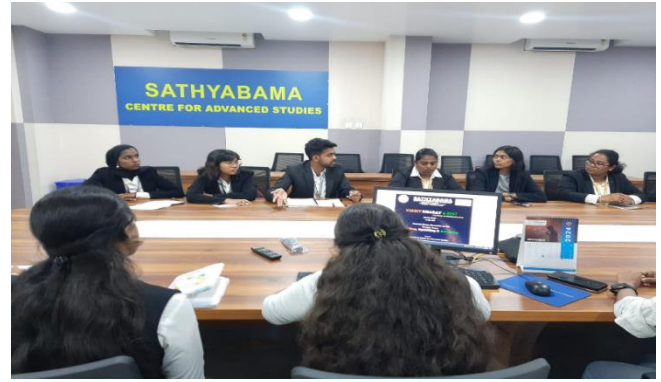
**Venue**  
Senate Hall, Sathyabama Centre for Advanced Studies

**VIKSIT BHARAT @ 2047**

Focused Group Discussion on the  
**Thrust Area:**  
**Skilling, Upskilling & Reskilling**

1. Suggestions for Transformation in selected Sectors
2. Suggestive steps for reaching the identified goals
3. Suggestions for knowledge and new skills required for Sectors identified
4. India's achievement in health, education and infrastructure etc. by 2047
5. Vision for Sustainable and inclusive development
6. Any Other suggestions on Vision





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**VIKSIT BHARAT @ 2047**  
- A pathway to a developed country

22.03.2024  
1:30 PM

Focused Group Discussion on the  
**Thrust Area:**  
**Skilling, Upskilling & Reskilling**

Venue  
Senate Hall, Sathyabama Centre for Advanced Studies



Sathyabama Institute of Science and Technology  
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**विकसित भारत अभियान**  
1947-11-2047

Dr. N.Methivanan  
M.Sc, M.Phil, Ph.D

Topic: Upskilling and reskilling in navigating career transitions  
and market fluctuations under  
**Viksit Bharat campaign**

Convener  
Dr. Anilma Nanda  
(Dean IQAC)

Venue: IRC auditorium  
Date: 27/03/2024  
Timing :1 p.m

Organizing Secretary  
Dr. V Ramesh Kumar  
Dr. S. Sathish





## Activity 5 - Awareness Rally

**Date of workshop/rally/brainstorming/discussion sessions:** 26.3.24

**Time:** 9.00 AM to 10.30 AM

**Venue:** University campus

**Type of activity**(✓ the activity conducted): **Awareness Rally**

- Thematic Area Focused – **Skilling, Upskilling and Reskilling**
- Stakeholders involved- Students ( ✓ ); Faculty( ✓ ); Industry Partners ( ); Government Representatives ( ); Others (Specify):

### Content/Concept Note of the Workshop/Activity

- **Agenda of the Workshop/Activity:** The objective of the rally is to raise awareness about Viksit Bharat 2047 with overview of its key focus areas and inspire students to actively participate in the nation-building process.
- **Brief Concept Note of the Activity:**
  - The students from the three wings of NCC – Army, Navy and Airforce have participated in the Rally parade covering the entire area inside the University campus.
  - The goal is to make the students aware of Viksit Bharat 2047, and inspire them to address the challenges for achieving the same
  - The students were holding banners and placards with key messages that attracted the attention and conveyed the objective of the rally
    - The banners and placards carried the following slogans - "Skilled Bharat Prosperous Bharat" "Viksit Bharat 2047" " Ignite Potential, Build Skill, Rising Bharat" " Upskill and Reskill - Transform Bharat's Workforce" " Healthy Bharat - Viksit Bharat" " India 2047 - Skill hub of the world" " India 2047 - Global Skill hub " " India 2047 - Skill hub of the world" "Education for Every Indian - Empowered Bharat" " Healthy Bharat, Wealthy Bharat" "Viksit Bharath - Sashakt Bharath" translates to "Developed India - Empowered India"
  - Informational materials about Viksit Bharat 2047, its vision, objectives, and key Thrust areas were distributed.

- **Participant's Details:** 100 students have participated in the rally and marched around the entire University campus covering the attention of 10,000+ students.
- **Name of the Subject Expert/s/Faculty invited for the discussion-** NCC staff Coordinator Dr.Jayaprakash / Associate Professor – School of Mechanical Engineering.
- **Workshop/Activity Thematic Focus (Kindly tick whichever applicable)**
  1. Accessible, Affordable, and Quality Education
  2. Skilling: Upskilling and Reskilling ✓
  3. Holistic, Quality & Affordable Health and Wellness for All
  4. Development Vision for India ✓
  5. Agriculture and Rural Economy
  6. Industry of the Future ✓
  7. Services of the Future ✓
  8. Trade – Integrating with the World
  9. Research, and Development
  10. Innovation and Entrepreneurship
  11. Transformative Governance: Reform, Perform and Transform





## **Brief note on the ideas discussed in the workshops/brainstorming discussion sessions- Feedback Given by the stakeholders:**

### **Ideas discussed**

- Skill development / upskilling / reskilling initiatives
- Other key focus areas such as Education, Healthcare, Future industries & Services
- Current Challenges to achieve the vision
- Innovative Solutions and Ideas that contribute to Viksit Bharat
- Rapid changes in technology and market demands.
- Practical strategies for continuous learning and professional development.
- Shifting youth's mind-set from Employee to Entrepreneur,
- Identifying Market Needs and Opportunities,
- Common Challenges Faced by Entrepreneurs

### **Feedback Given by the stakeholders**

Students gave their valuable ideas for achieving the vision of a developed India. The suggestions given under various sectors are as given under.

#### **• Suggestions for Transformation in selected Sectors.**

##### **Educational Sector:**

- Career Guidance at early stages of school education helping the students to identify their areas of interest at younger stage so that they may not get in to the studies of non-interested areas.
- Students face parental and societal pressure in choosing the career path. Because of this, students end up choosing non-interested areas of studies and therefore become under skilled in their profession. Higher education should be based on the individual's interest and should not be by peer pressure for societal respect and money

- Government initiative in terms of general awareness to parents not to force the children in non-interested areas of studies to be given via media. Students strongly believe that passionate skilling of individual will have a great role in the India's GDP growth.
- Government investment in all sectors and initiative is needed in making all the sectors to be treated equally in terms of earning and societal respect so that students have freedom to choose the study and profession of their passion which will eventually lead to better developed nation.
- Education system with major practical work based learning
- Research at UG level
- Internships / Industry – Institute linkages
- Text books in regional language
- Every child in India has to be educated by 2047

### **Skilling, Upskilling and Reskilling:**

- Educational Institutes should have strong collaboration with industries in order to expose students with real time skills needed to become future workforce.
- Curriculum design and revision as per practice in Industrial instead of having obsolete technologies
- Industries should be ready to permit students and provide real time training.
- Good Recognition to skilling and vocational courses will lead to potentially skilled workforce

### **Innovation and Entrepreneurship**

- Support schemes to be provided for entrepreneurship and self-employment through awareness on available schemes, training / mentoring facilities, funding support, copyrights, patents etc.

### **Transformative Governance: Reform, Perform and Transform**

- The views of youth need to be considered in advocating for policy changes, electoral reforms.
- Greater youth representation in decision-making bodies
- The importance of transparent and accountable governance and participation of citizen in governance

### **Agriculture and Rural Economy**

- Motivating the students to take agriculture as their domain because now a day's number of farmers are reducing. Government should also provide necessary facilities towards agricultural sector as India is agriculture based country.

### **• Suggestive steps for reaching the identified goals.**

- Quality and uniform system of education to all
- More encouragement and facilitation to young entrepreneurs

### **• Suggestions for knowledge and new skills required for Sectors identified.**

- To strengthen "Make in INDIA"
- Encouraging citizens to buy our own indigenous products through some subsidy or tax exemption can potentially contribute to India's GDP growth.

- **India's achievement in health, education and infrastructure etc. by 2047.**
  - Health insurance coverage and access to healthcare services for all senior citizens
  - Superfast bullet trains
  - More Smart cities
  - Digital infrastructure and digital services accessible by all rural population
  - Awareness campaigns focusing on health literacy
- **Vision for Sustainable and inclusive development.**
  - Government policymakers and economists need to formulate economic policies in order to improve the per capita income which is a direct indicator of nation's Economic Development, reduction of poverty and inequality and global competitiveness.
  - Innovation in development of green technologies, effective usage of renewable energy, water conservation, pollution controlled automobiles and Industries
- **Any Other suggestions for the Vision Document**
  - Healthy citizens – Wealthy nation; Food safety and security helps to nation building. Government should create and facilitate entities for ensuring food safety free from adulterations and ensure Provision of clean drinking water.
  - Distributed development in cities
  - Awareness about all Government schemes – Most of the schemes are not reaching the knowledge of the respective sect of people.
  - Providing equal importance and encouragement for all sports that would bring pride to the nation with lots of achievements and also inspire others to pursue sports as a career.
  - Provision of digital literacy and digital skills to school students and rural population to improve digital economy.
  - Every citizen should get the opportunity and resources to realize their full potential so that everyone can contribute to the country's growth
  - Promoting voter education - initiatives to ensure citizens understand their voting rights, the electoral process, and the importance of casting votes, which is crucial for nation-building as it allows citizens to participate in shaping the governance of the country
  - Dream India - clean India
  - Political Awareness among youth
  - Rural areas/villages can be adopted by higher education institutions and the institutions should prove that the adopted areas are skilled and self-reliant
  - Identify the regions and areas of skill scarcity, conduct skill development programmes by nearby higher education institutions