Introduction

We all dream to make our country a nation where access to information knows no barriers. We aspire to make it a nation with supremacy in every aspect, from education to industrialization, from a dominant economy to digitization. The program of Digital India is basically an effort to transform India into an immensely empowered economy through digitization; that is bonding the country with the use of internet and telecom.

The Digital India scheme is an umbrella program which covers a huge spectrum of ideas. It envisions the broad role of internet usage in the Gross Domestic Product of the nation. The increasing population of internet and telecom users indicates the transition process of a developing nation into a developed nation. Thus, this scheme aims to achieve a full-fledged development and empowerment in all circles by means of digitization.

It would be certainly much easier for a person to pay his/her electricity bill sitting in front of a computer screen rather than standing in a long queue for hours. Digital India would undoubtedly reduce the consumption of man power in futile efforts and channelize this man power for much better work.

The Digital India scheme aims for e-Governance; that is restructuring the Government through technology. One of the most eminent services of the scheme, the DigiLocker complies and stores important documents like PAN card, passport, mark sheets and degree certificates. Another such
service intends to help keep records of the attendance of Government employees on a real-time basis.

The population of Internet users in India is indeed increasing exponentially; still we do not observe the increase of Rural Internet users at the same rate as Urban Internet users. The overall progress will be achieved only if we remove the barriers in the path of the rural development.

Akomara, a village in Sabarkantha district in Gujarat represents a slice of the vision of Digital India. The village of 1,200 people is an example of the vision of the digital future that awaits India’s hinterland. The project at Akodara includes financial inclusion and access to modern banking for all people, cashless transactions at markets etc. Akodara is only a model village — an artificial model of rural India crossing the digital frontier rather than being an organic part of a real, larger digital ecology. But to understand its significance, one has to imagine it as a grand vision, replicated in thousands of villages across the country.
Problem Statement

1) Suppose you are given a hypothetical village in which you wish to apply the Digital India scheme. Given the constraints and limitations of the resources available in the village (imagining the resources an average Indian village has), suggest a model to implement the scheme in that village. You can consider different aspects of a village-life like education, business activities, energy use, banking, internet penetration, distribution channels, resource management etc. and come up with creative ideas on how digitization can bring in changes in everyday lives. Give your opinion about the feasibility of the scheme in the village. What all amenities could be provided to the village, which are covered under the Digital India scheme?

2) "As of September 2014, India has a 15 per cent internet user penetration and is ranked 142nd, way below some of its neighbouring countries like Bhutan and Sri Lanka," noted a TRAI report some days ago. What measures can be taken to elevate India's position in this list?

3) The following graph represents the usage of 2G, 3G and 4G mobile networks over the years, in India. As it is clear from the figures, a sumptuous, or rather elegant increase of 31% of increase in the usage of the more contemporary 3G and 4G networks. Propose a thesis that could effectively explain the various trends observed in the graph and predict the future of the telecommunications sector in terms of number of users. Use only the data that is provided within the graph. Any assumptions or speculations of that are have been applied should be reasonable in logical and mathematical sense.
NO OF 2G/3G MOBILE CONNECTIONS IN INDIA

(millions)

<table>
<thead>
<tr>
<th>Year</th>
<th>2G</th>
<th>3G &amp; 4G</th>
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<tbody>
<tr>
<td>2008</td>
<td>347</td>
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<tr>
<td>2009</td>
<td>524</td>
<td></td>
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<tr>
<td>2010</td>
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<td>2011</td>
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Rules and Regulations

1. Each team may have a maximum of four members.

2. The last modified abstract as on 20th Feb 11:59 pm will be considered final.

3. Multiple teams from the same college are allowed to participate for the event.

4. The teams must strictly follow all the deadlines failing to which will lead to their disqualification.

5. This event will be conducted in two stages and its detailed procedures have been clarified below.

STAGE-I

Abstract Submissions

1) Participants are needed to send in the abstract of the original/review work including the references, the idea proposed with figures (if needed) to ideefixe@cognizance.org.in. It should present your perspective as well as address all the issues pertaining to the problem statement.

2) Abstract should not exceed 500 words and the covering page of the abstract must have: Name(s), Institution of study, Email address(s), contact number(s), Cogni-ids of all the team members.

3) Your email should have the event and team name as your subject. For Example, A mail should have subject as: “Idee Fixe: Team “name” COG16/XXXX” and file title as: “Abstract by Team “name””.

4) Selection to the next round for final presentations will be based on the abstract submitted.

5) Deadline for Abstract Submissions is 20th Feb, 2016.

6) The result for the first round will be put up on the website till 28th Feb, 2016 and will also be mailed to you.
7) For any particular queries regarding paper presentations, please contact the respective event coordinators.

**STAGE-II**

The second round will be conducted at IIT Roorkee during **COGNIZANCE 2016**

1) Participants should submit their full paper in \textit{".ppt"} and \textit{".pdf"} format. You need to bring two passport size photographs of each participant along with all the necessary details attached.

2) Final Presentations should be in \textit{".ppt"} format strictly and should be timed for 15 min. (10 minutes for presentation and 5 minutes for Question and Answer round.

3) Formatting rules should be strictly followed. A font type of Times New Roman with a font size of 14 should be kept.

4) Participants should ensure that their presentation include all relevant figures, tables and references.

5) The decision of the judges shall be final and binding.

**Registration Procedure**

The registration shall be done through the **Cognizance website**.

**Steps:**

1. Each Member needs to register on the website. This will generate a unique **Cogni id**, after email verification.
2. The **Team Leader** (which you will select yourself) needs to login into the website through his username and password.

3. The “Idee Fixe” event, **under the theme events page**, has the tab ‘Register’ to register the team for the event.

4. Enter the **Cogni id** of team leader and other members of the team.

5. This will generate your Team Id and a mail shall be sent to the mail id of team leader about the registration.

*Submit your entries and mail your queries to ideefixe@cognizance.org.in*