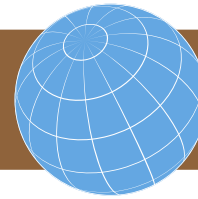**GIS** SPECIAL

Editor's Note

Sreepriya Swaminathan, Domain Principal
Digital Interactive Services, Infosys BPM

Welcome to this edition of Ankeeya. With the rather constant traction and action that we see in our GIS Line of Service we decided to make this a GIS specific edition. We have had some constant ramp ups in these projects thanks to the smart SMEs and leads in this team. We have published papers and presented them at industry events. A tie up with JNTU for accredited trainings and some new faces to augment this team.

Happy Reading.

INSIDE ▶
THIS ISSUE

Infosys®
BPM

Geosmart Cities: Building Spatial Infrastructure for Urban development

Sudeep Rautray, Domain Lead

Digital Interactive Services, Infosys BPM

With rapid urbanization across the globe, concept of smart city is scaling up for better economic growth and one such scenario is the Government of India's smart city initiative with its objective of enhancing living standards of citizens.

Implementing smart city concept is still a challenge and city planners are slowly advancing towards usage of digital technologies and location based applications as a means to evolve with a smart environment for citizens. This paper advocates faster, wider mapping mechanisms to build geospatial data, which will in turn enable faster and more efficient deployment of smart cities. It establishes the key developments on usage of geographical information systems (GIS) to build the components for smart cities.

Read More ❯

Exploring Technological Developments in GIS Navigation

Mothiraj, Senior Practice Lead

Digital Interactive Services, Infosys BPM

Today, maps are so advanced that a large part of the world relies heavily on their features. Cartographers, researchers, scientists, and academicians use them extensively for story telling about real-world problems and to provide solutions. This paper discusses technological developments in the navigation domain within GIS (Geographical Information Systems), the extant challenges, and the impact on all stakeholders who are directly or indirectly using these services.

Read More ❯

DIS Events

Upskilling program on Enterprise GIS products

Location: Hyderabad

OVERVIEW

In partnership with ESRI & AUTOCAD product team

Concepts covered: Spatial data management, Digital Map based workflows, CAD / GIS data processing

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Active Participation by employees and hands-on tools, GIS processes, Map workflows & frameworks

BENEFITS

> Helping to build trained & certified GIS engineers for growing GIS practice

> Product based Capability development into industry endorsed CAD & ArcGIS platforms

> Understanding of latest market scenarios (new tools, processes, workflows, technology) with regard to leading GIS products

> Showcasing POC's on CAD / ArcGIS platform. Addressing new requirements with value added product platform deliveries.

■ **Photo** from GIS training on '**ArcGIS: Essential Workflows**'

■ Cerificate for '**ArcGIS: Essential Workflows**' training

15
GIS domain Experts

02
GIS Enterprise Products

01
Week Upskilling Program

Highly-skilled **Product Trainers**

Hands-on **ESRI** & **AutoCAD** tools / workflows

Paper Presentation at Geosmart India 2019

Location: New Delhi

Dr. Pradeep Kishore presented a paper on "**Geospatial Transformation to build Spatial Infrastructure for Urban Development**" for Infosys at Geosmart India 2019 - **Read Now ❯**

DIS Trainings

Location: Bangalore

Various digital domain trainings (Foundation, T100, etc.) were conducted covering multiple International & India locations. There were 650+ employees trained in digital and GIS domains.

Apart from the digital domain trainings, DIS CoE took the initiative of getting **Adobe Experience Manager** & **Adobe Campaign Manager** trainings organized for digital engagements as a part of upskilling programme in which 100+ employees were trained.

GIS 100 - Geographic Information System and Navigation Domain is now available in Lex

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Digital Lab Session: A Brainstorming sessions was conducted for digital engagements to generate ideas for improvement.
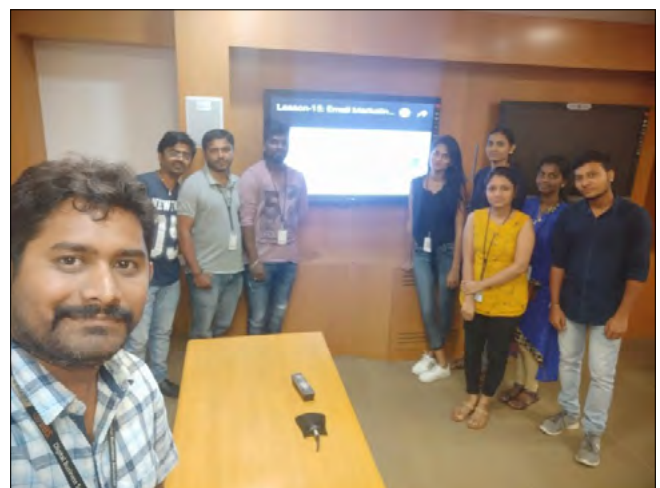

Photo from **LTV** session on **Email Marketing**

LTV on **E-mail Marketing** covered various aspects of E-mail Marketing, its advantages & disadvantages and upcoming trends.

Digital Domain Training

In association with **UDACITY**

DIS CoE team along with LnD team organized external training program for digital domain in association with Udacity which covered three programs. These are online programs with the duration of three months.

Digital Marketing Nanodegree Program:
This program offers the opportunity to master platform-specific skills while at the same time establishing a broad-based understanding of the whole digital marketing ecosystem. This Program covered the following topics Marketing Fundamentals, Content Strategy, SMM, SEO, SEM & Google Ads, Display Ads, Email marketing & Google analytics

Google AdWords Enterprise: This program, provides the understanding of the new Google Ads as you run live campaigns with real budgets. Topics include: Search, Display, Video, App Advertising, and more.

Design Sprint Nanodegree Program: This program teaches to use the Design Sprint process to test ideas, leverage opportunities, and power innovation. The Udacity programs included Real-world projects from industry experts.
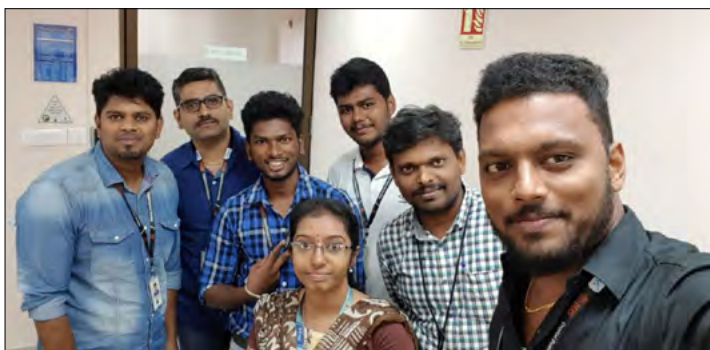
Digital Marketing Nanodegree Program
Shashi Pandey
Gopinath GA
Pritisha Binani
NRT Phani Kumar Parasa
Prabhu.S

Google AdWords Enterprise
Abdulla Khan Khaleel

Design Sprint Nanodegree Program
Thiyagarajan Shankar
Subbaiah Ram D P

■ List of Participants Certified in **Nanodegree Program** by **Udacity**

DIS Trainings

Location: Chennai

■ **Photo** from **T200 Training - Digital Marketing**

T200 - Digital Marketing session took place in the month of June'19 and trained people from multiple engagements.

- -

An interactive session on **Design Thinking** was held with WB, AT&T and Philips engagements to gather ideas for setting up Digital Floor.

New Addition to Team

Pradeep Kumar Bathula
Process Specialist

Experience: 6+ years

A Proficient GIS Expert with 6+ years of experience into Digital operations, content management of GIS Databases. Experience in Navigation Domain and has hands on expertise working for **GOOGLE Maps** handling projects related to Streets, Addressing, POI categories, major Land cover and Land Use.

Viswasanthi J
Process Specialist

Experience: 5+ years

Experienced in GIS navigation domain especially in synergy projects, has an experience in creating, modifying and updating **HERE MAPS** involving in base map creation and drive coding which includes synergy projects

Lekha Gavaraveni
Process Specialist

Experience: 5+ years

Experienced in GIS domains like telecom and navigation. Played a crucial role in performing essential GIS data maintenance, production, quality assurance and control activities. Handled responsibilities like being a subject matter expert for all navigation geometry edits process and provided GIS trainings covering navigation domains.

Murali Nimmana
Process Executive

Experience: 3+ years

Experienced in GIS domains like telecom and navigation. Played a critical role in creation of GIS database for Telstra Copper & FTTX network. Hands on experiences with GIS processes and has worked in different roles such as production agent, quality specialist, subject matter expert and process training coordinator.

Karthigaiselvan
Senior Process Executive

Experience: 14+ years

Karthi is a geospatial expert in domains like Electric, Telecom, Water, Forest, Town & Country Planning, Precision Agriculture, Smart City and navigation. He has working experience with **ESRI India** pioneers of GIS software's from where he brings in his rich and varied product experience.

Awards & Recognitions

Award
Technical Champion

Yuvaraj Charugundla has won **Technical Champion** award in Glory Awards for Apple in July 2019.

Achievement
EMLP Training

■ **Photo** of Phani receiving the Award

Phani Kumar Parasa successfully completed **Emerging Leaders Management Program** in June 2019.

He was awarded for **100% commitment & adherence demonstration** towards all ELMP Leaning opportunities and was 1st Runner's up in ELMP Wave IV for demonstrating high performance throughout the program

New Wins

Costco Travel
Data Management Services

Infosys will be augmenting data management services & driving smart automations for onboarding supplier work orders in the ecommerce platform. The scope of work involves building rates from WO and product quality check of rates and offers before the work order goes live in the ecommerce platform.

We will begin with a 6 FTE Data management team to augment the work and bring in automation in phase 2 to automate the work order process and eventually move towards a touch less operations in phase 3.

BHP
Image Annotation Operation

Infosys recently bagged a contract with a large Australian Mining giant for Image Annotation and Semantic Labeling to power their driverless vehicles. The scope of work involves annotation and labeling of background, equipment, vegetation, water, etc. inside their mines. Once the current pilot project is successful, this is expected to become a larger project.