

mApp Your Way™

App Development Challenge 3.0



esri India
THE SCIENCE OF WHERE™

Esri India is pleased to launch the mApp Your Way App Development Challenge 3.0

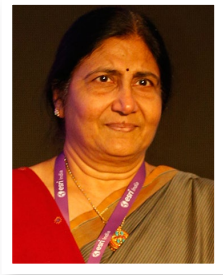


"The mApp Your Way App Development Challenge is a very exciting program to tap the imagination and skills of the next generation of leaders in the geospatial industry. If I were young again it is exactly the kind of thing that would have stimulated my interest and helped to open a world of opportunities."

Michael F. Goodchild,

*Emeritus Professor of Geography at the University of California,
Part of judgement panel of the mApp Your Way 2nd edition*

"Esri India's 'mApp your way challenge' is an excellent experience for students to learn and explore opportunities in the geo-spatial technology development space. Students across various disciplines like civil engineering, Engineering in Electronics and Communications, Information Technology exhibited excitement towards this challenge, formed teams and made solutions to solve real life problems using GIS technology. The experts from ESRI India extended exceptional support to the students throughout the challenge and exposure to Esri's SDK's (Software Development Kits). This process enhanced the knowledge and the level of confidence of the students in geospatial applications and development."



Dr. Anjana Vyas,

Professor, Faculty of Technology at CEPT University

"mApp Your Way is an exciting contest that stimulates the students to put together highly creative and novel ideas for developing location based applications on the mobile for every day decision making."

Dr. Surya S Durbha,

Professor - IIT Bombay





“This has been an incredible learning experience for us. We started by developing this application as a project but after winning this contest we are really encouraged to take this to a wider audience. We saw students from various disciplines like arts, environmental sciences, computer technologies come together and leverage Esri India’s various free and easy-to-use ArcGIS tools to create some very innovative solutions, and the experience was truly very enriching.”



Team CEPT University,
2.0 winner team



“mApp your Way is a brilliant initiative by ESRI India which allows college students to showcase their ideas, innovate, work hard and should be continued in the future. Esri India UC was an enlightening experience and a brilliant opportunity to connect with GIS Professionals from the industry. The exposure to the latest developments in the Domain along with their demonstration clearly showed how quickly GIS is being adapted in various

sectors where it was earlier non-existent. For an Undergraduate student like me and my teammate getting such an exposure was a boost as it showed to us the wide array of opportunities that lie ahead of us once we complete our education. We were delighted to get such a huge platform to showcase our idea and getting suggestions /positive feedback from various professionals. “

Team UPES,
2.0 1st runner up

"This competition benefitted students a lot as they got experience in programming as well as GIS field, which shall be helpful in their interview or otherwise. Although, students keep on participating in various competitions, but the support, initiative and motivation provided by Esri India team is really awesome, great and inspiring."



Har Amrit Singh Sandhu,

Assistant Professor, PEC University of Technology, 2.0 2nd runner up team

Esri India // App Development Challenge 3.0

About the challenge

mAppYourWay™ is an application (mobile or web) development challenge being organised by Esri India. The challenge is open to all the students (UG/PG/Research scholars) associated with the institutions that are users of Geospatial / ArcGIS technology. The objective of this challenge is to provide a platform to the institutes and students to showcase their skills and capabilities in this technology. The challenge offers an exclusive opportunity for institutes and students to implement new ideas via meaningful GIS enabled applications and in process, gain enriching experience. The best three innovative and impactful applications have a chance to receive national level recognition in addition to winning attractive prizes.

// Theme

Below are the broad themes under which you can develop your application.



Insurance



Campus Management



Culture and Tourism



Swacch Bharat



Smart Cities



Agriculture



Smart Villages



Transportation



Water, Gas, Energy Distribution



3D and GIS Application



Natural Resource Management



Homeland Security and Safe Cities



Public Healthcare Services and
Disease Spread Management



Disaster Management and
Emergency Response Management



Integrated GIS based Command Centre
for Large Event Management – eg
Kumbh Mela, Sports Activities, Rallies,
City Level Festivals, etc



Retail Operations and
Performance Management

We encourage the contestants to create applications that are focused on larger benefit to society and have a business and citizen impact.

// Program Design



Phase 1 - Idea submission and selection

- Team nomination and abstract submission
- Abstract selection by Esri India

Phase 2 - App development and screening

- App development by the selected teams
- App submission and selection for final phase



Phase 3 - National level presentation and final judgement

- National level presentation at the Esri India User Conference
- Final judgement

// Important Dates:

15 April
2017

Last date of
submitting abstracts

15 September
2017

Last date of App submission



Phase 1 - Idea submission and selection

Institutes/students who wish to participate in the challenge are required to send the filled registration form and abstract via email to app.challenge@esriindia.com. Each institute can nominate any number of teams to participate in the contest. Each team can have minimum of two and maximum of four members. A copy of the registration form is enclosed with the brochure. Additional forms and the abstract submission template can be downloaded from www.esriindia.com/appchallenge. The idea/abstracts submitted along with the completed registration form would be evaluated for their impact/usefulness and the prospective use of geospatial technology. Last date of submitting abstract(s) is 15 April 2017.

Please attach the following with your registration email:

- Duly filled registration form (stamped and signed by the college authorities)
- Abstract about the proposed idea

Abstract guidelines:

Short description of the proposed application of upto 500 words covering the following points:

- a. Problem/Challenge
- b. How will your app help to address the identified challenge
- c. Brief approach
- d. Intended GIS Usage
- e. Possible benefits



Phase 2 - App development and screening

The shortlisted teams will develop apps on Esri's ArcGIS platform. Esri India will provide a temporary software license (one per team) for app development. Esri India will also run a mentorship program and an online community driven by Esri India technical experts to enable teams to clarify any doubts during the app development stage. Teams will have to submit the apps latest by 15 September 2017 along with the below artefacts:

1. Detailed Idea/Business Case
2. Fully functional application
3. Complete source code if applicable (with appropriate commenting)
4. User Manual (.doc) - It should contain a working demonstration of the complete app.
5. Screenshots should be provided wherever applicable.

The apps for final presentation will be screened based on the fulfilment of ideated objective, application of GIS technology and ease of use. The teams shortlisted to make final presentations will be communicated starting 1 October 2017.

Esri India support program

- Mentorship and guidance through webinars and online portal
- Temporary software license for shortlisted teams (only to be used for the purpose of app development for this contest)
- Access to online community for discussions



Phase 3 - National level presentation and final judgement

The finalists will present their apps at the Esri India User Conference 2017 to be held in New Delhi.

The apps will be judged by a panel of eminent jury from Esri India, academia and industry. The three best applications will receive a certificate and prize money.

In addition, trophies will be awarded to the respective institutes of the winning teams along with a memento to the guiding faculty.

Judgement criteria

The applications will be judged on the below parameters:

- Uniqueness of the problem statement
- Solution approach
- Usefulness/Citizen impact
- Actual application
- Usage of GIS technology (for demonstrating outcomes through GIS analysis)
- Scalability

// Awards

Esri India will award the three best apps



First Prize
₹ 1 Lakh



Second Prize
₹ 75,000



Third Prize
₹ 50,000

// mApp Your Way in news



पेक टीम ने जीता 50 हजार का पुरस्कार

चंडीगढ़। पेक यूनिवर्सिटी ऑफ टेक्नोलॉजी (पेक) ने दिल्ली में आयोजित नेशनल एप मेकिंग प्रतियोगिता में 50 हजार का पुरस्कार जीता है। पेक फैकल्टी मेंबर हर अमृत सिंह की अगुवाई में विनायक कालरा, आकांक्षा, पनव गुप्ता और कुनाल भाटिया ने एप

तैयार किया था। प्रतियोगिता में देश भर से 100 से अधिक टीमों ने हिस्सा लिया था। पेक टीम ने स्वच्छ भारत अभियान थीम पर एप तैयार किया था। एप के माध्यम से लोगों को पब्लिक टॉयलेट, पेट्रोल पंप, सरकारी इमारतें आदि ढूंढने में आसानी होगी।



Esri India names winners of mApp Your Way 2nd edition contest

NEW DELHI: Geographic Information System (GIS) Software & Solutions provider Esri India has announced the winners of the second edition of mApp Your Way contest, an App Development Challenge. The challenge offers university level students an exclusive opportunity to use GIS technology and build socially relevant apps.

The winners were announced at the 17th edition of Esri India User Conference, the winners of mApp Your Way 2017 contest include Ankit Prashnani, Dhvani Tiwari and Arun Rathod (aka team CEPT Connect) mentored by Dr. Anjana Vyas from CEPT University, Ahmedabad. True to the theme of the conference, GIS: Enabling Transformation, their winning entry showcased how a GIS based multi-platform mobile application can be built to connect campus students to share accommodation & transportation needs, using crowd sourced GIS data and location intelligent search queries.

The panel of judges for the contest included Prof Michael F. Goodchild from University of California along with other eminent personalities from Esri India and the Indian GIS industry.

On winning the contest, Ankit Prashnani, from the CEPT Connect team said, "This has been an incredible learning experience for us. We started by developing this application as a school project but after winning this contest we are really encouraged to take this to a wider audience. We saw students from various disciplines like arts, environmental sciences, computer technologies come together and leverage Esri India's various free and easy-to-use ArcGIS tools to create some very innovative solutions, and the experience was truly very enriching."



FT: Students win 1st Prize of ESRI India's mApp competition 2017

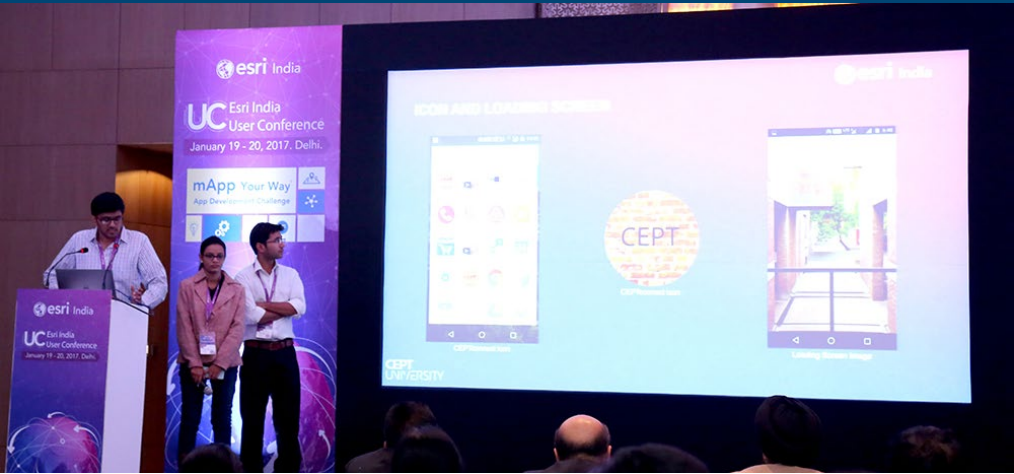
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Faculty of Technology

Faculty of Technology Students won 1st Prize for Application Development. The prize was a Gold trophy and Rs. 1,00,000/- cash. This was awarded on 20th January in Delhi.

"CEPTConnect" is a multi-platform mobile application, developed by the students of Geomatics Department, CEPT University, Ahmedabad as a part of ESRI India's mApp competition. This app was developed to support new students in finding accommodation with existing students of CEPT University. The purpose of this application is to bridge the logistics gap among CEPT students by helping the current students to post vacancies of their housing and transportation.

// mApp Your Way participants at User Conference



CEPT University presentation



UPES University presentation



PEC University of Technology presentation







About Esri India

Esri India is India's leading Geographic Information System (GIS) software and solutions provider. For almost 2 decades, we have worked with thousands of customers across a diverse range of industries such as Government, Academia, Defence and Private Sector helping them make timely, informed and mission-critical decisions by leveraging the power of geography.

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