



mApp Your Way™

App Development Challenge 4.0



esri India
THE SCIENCE OF WHERE™

About the Program

mApp Your Way is an annual application development challenge organised by Esri India for students (UG/PG/Research scholars) associated with the institutions that are users of Geospatial/ArcGIS technology.

Now in its 4th edition, the program aims to not only help students to implement new ideas via meaningful GIS enabled applications but also encourage them to embark their pre start-up journey. With the incubators attached to the program, students will get guidance and mentoring on their ideas, solutions, market needs, building business model and how to form a start-up.

In last three editions, students from prestigious institutions showcased their skills and capabilities by building ground breaking applications on ArcGIS technology. By participating in the challenge, students get to interact and work closely with GIS experts under Esri India's mentorship program.

The best three innovative and impactful applications have a chance to receive national level recognition in addition to winning attractive prizes.

Themes



Insurance



Transportation



Smart Cities



Agriculture



Smart Villages



Campus Management



Homeland Security and Safe Cities



3D GIS Application



Water, Gas, Energy Distribution



Culture and Tourism



Natural Resource Management



Swachh Bharat



Education



Public Healthcare Services e.g. Disease Spread Management



Retail Operations and Performance 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



Sustainable Future

Program Design



Idea submission and selection

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



App development and screening

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



Final presentation and judgement

- National level presentation
- Final judgement

Enter the Challenge



Phase 1 - **Idea submission and selection**

Institutes/students who wish to participate in the challenge are required to send the completed 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. 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 31, August 2018.

Please attach the following in your registration email:

- Duly completed 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 :

- Problem/Challenge
- How will your app help to address the identified challenge
- Brief approach
- Intended GIS usage
- Possible benefits



Phase 2 - **App development and screening**

During this phase, 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 31 December 2018 along with the below artefacts:

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

The apps for final presentation will be screened based on fulfilment of ideated objective, application of GIS technology and ease of use. The teams shortlisted to make final presentations will be communicated starting 1st January 2018.

Esri India support program:

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



Phase 3 - **Final presentation and judgement**

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
- Scalability

Awards

Esri India will award the **three best apps**. College of the winning teams will get trophies.



Important Dates



31 August, 2018

Last date of submitting abstracts

31 December, 2018

Last date of app submission

January, 2019

Final presentation & judgement

Incubator Partners



3.0 Participant's Experience

“mApp Your Way is such a nice platform to showcase our ideas and our work. It fulfils the space of practical knowledge that lacks in our college curriculum and let us understand where we stand in this competitive world. We sincerely thank Esri India for carrying out this competition and letting the youngsters like us believe in ourselves. The beauty of this competition is that it forces us to think about the problems around us and how we would find a solution for that problem. I guess this kind of approach towards the society is more important as an engineer than the subjects we learn. //

Team DigiSuraksha
Andhra University



“mApp Your Way is a great initiative by Esri India, to bring together students from universities across the country and present their ideas and applications. The solutions provided by the students were quite innovative and enabled us to explore the enormous capabilities of geospatial technologies. Esri India UC provided us an opportunity to network with GIS professionals from the industry and to get an insight to the latest technologies and its integration with GIS in various domains. Overall the experience and exposure gained from the Esri India UC was indeed amazing. //

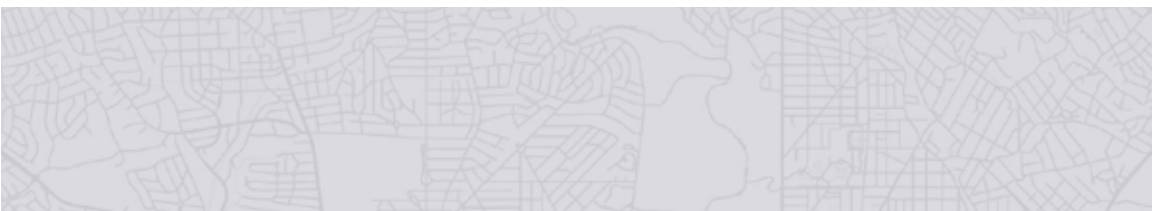
Team CEPTSmart
CEPT University



“ It was a great experience to participate in mApp Your Way App Development Challenge 3.0. The Esri India organizing team was very helpful, supportive and consists of experts with extraordinary talent. For me and my team, it was an experience of lifetime. ”

Team ParvKumbh
UPES

mApp Your Way participants & jury at User Conference



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.

For more information contact: app.challenge@esriindia.com



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