भारत सरकार
केन्द्रीय जल आयोग
राष्ट्रीय जल अकादमी

सत्यमेव जयते

Government of India
CentralWaterCommission
NationalWaterAcademy

संख्या/No.:A-33025/25/18/2020/NWA/ 3872-73 दिनांक : 13.09.2022

प्रति/To
As per list attached

विषय / **Sub: Capacity Building Training Program on "Android App Development on Water Sector" during 26 September to 07 October 2022 through distance learning - Request for Nominations – Reg.**

महोदय/ महोदया,

National Water Academy, Pune is organizing **Capacity Building Training Program on "Android App Development on Water Sector"** during 26 September to 07 October 2022 through distance learning.

The DL program is intended to benefit the Officers at the levels of Director/SE, Dy. Director/EE, AD/AEE, AD-II/SDE and JE of Central Water Commission and Officers of State Governments/PSUs and Others who are interested in the subject. The training program is free for all the participants.

The training program will be organized on MOODLE Platform. Information Brochure is enclosed for ready reference.

गूगल फ़ॉर्म भरने के लिए कृपया नीचे दिए गए लिंक पर क्लिक करें या QR कोड को स्कैन करें https://forms.gle/gVLFHzzxSALBHU3PA **To fill the Google Form please Scan the Image or use the link to Register**	
Last date of Registration : 23rd September 2022	

Encl: As above

भवदीय/Yours sincerely,

(एस पी सिंह/S.P.Singh)

उप निदेशक एवं कार्यक्रम समन्वयक/ Dy. Director & Program Coordinator
राष्ट्रीय जल अकादमी, पुणे/ National Water Academy, Pune

प्रतिलिपि :

1. The Director, Training Dte., CWC, New Delhi – trngdte@nic.in for information

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Government of India
Ministry of Jal Shakti
Department of Water Resources, RD & GR
Central Water Commission
National Water Academy, Pune

Distance Learning Programme on "Android App Development"
(26th September 2022 to 7th October 2022)
Session Plan

Date	Session	Topic
26.09.2022 Monday	I	Inaugural Session (Live Session)
	II	Basics of Android App Development and App Structure-Lecture 1
27.09.2022 Tuesday	I	Basics of Android App Development and App Structure-Lecture 2
	II	GUI of Android studio and familiarization with different modules
28.09.2022 Wednesday	I	Introduction to JAVA, XML and SQL for creating Android Apps
	II	Review Webinar on Cisco Webex (Live Session)
29.09.2022 Thursday	I	Creating your first App in Android studio and configuring your android device for its installation Creating an App with a Button with On Click Listener, which shows a welcome toast message when clicked
	II	Understanding Intents, Activities and Fragments
30.09.2022 Friday	I	Practice Session - Creating an App with a dialog with Login ID and Password input and a Login Button, which checks the credentials and responds.
	II	Working with images- Creating vector and raster assets and embedding raster and vector images in your app.
31.09.2022, Saturday & 01.10.2022, Sunday Holidays		
03.10.2022 Monday	I	Review Webinar on Cisco Webex (Live Session)
	II	Understanding Database handling
04.10.2022 Tuesday	I	Practice Session - Creating an App which creates an SQL Database table, store data to it and then fetches on request.
	II	Publishing Apps to Google Play Store
07.10.2022 is Dussehra, Holiday		
06.10.2022 Thursday	I	Understanding the "Know Your Water" App, Its modules, Its functioning, GUI etc.
07.10.2022 Friday	II	Review Webinar on Cisco Webex (Live Session) Valedictory Session

All the sessions were taken by Sh. Manish Rathore, Dy Director, NCA, Indore

Central Water Commission
National Water Academy

"ANDROID APP DEVELOPMENT"

26 September - 07 October 2022

16 Sessions

Please click the link or scan the QR code to fill the online Google form:
https://forms.gle/gVLFHzzxSALBHU3PA

The Program Covers all the topics starting from Basics of Android App Development till Publishing Apps to Google Play Store.

For any further information please contact
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National Water Academy, Pune
Mobile: 9718936741

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सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
CENTRAL WATER COMMISSION

CAPACITY BUILDING PROGRAM THROUGH DISTANCE LEARNING ON

"ANDROID APP DEVELOPMENT"

PROGRAM DURATION
26 September - 07 October 2022

Organized by
NATIONAL WATER ACADEMY, PUNE

INTRODUCTION

Android is an open source mobile operating system with massive user base and simplified mobile app development process. Android is free and an open platform built on Linux. With over 86.8% share, Android OS dominates the mobile app development market and it is expected to surge even further in the coming years. Android mobile applications have influenced all the sectors as part of the digital revolution today. Leveraging the benefits of Android application development is, therefore, a necessity of officers involved in Water Resources Development & Management especially CWES officers so as to increase the reach of knowledge and information dissemination in this domain. A good knowledge of App development work would encourage the officers to find solutions for various internal information flow processes by developing related Apps.

PROGRAM OBJECTIVE

The program will comprise of online classroom sessions and live interactive webinars. The main objective of this program is to

To impart capacity building on in the Development of Android Apps.

To give exposure on development of "Know Your Water App" developed by SDMC, NWA, Pune.

PROGRAM FORMAT

The nominated participants need to register themselves using the registration link or QR code. Participants will be given the Class Code by the Academy, on entering which they will be able to access the training modules consisting of voice over presentations; Videos etc. Program contains online lecture modules using "MOODLE" and live interactive discussions using Cisco WebEx Platform. For facilitating to join the training, the participants must register themselves in the "MOODLE". Participants may be required to develop their own APP, as an exercise, up to the end of the programme. The Link for participation in the Webinar will be shared with all the nominated officials either through email or through a WhatsApp group created exclusively for sharing the information and quick resolution of technical issues

As this is an online course, the officials can participate in the program without taking any leave from the office and would have flexitime.

PROGRAMME COVERAGE AND FACULTY

The Program Covers all the topics starting from Basics of Android App Development till Publishing Apps to Google Play Store. All the lectures be delivered by a CWES officer Sh. Manish Rathore, Deputy Director who is presently in the Narmada Control Authority, Indore.

TARGET GROUP

The DL program is intended to benefit the Officers at the levels of Director/SE, Dy. Director/EE, AD/AEE, AD-II/SDE and JE of Central Water Commission and Officers of State Governments/PSUs and Others.

PROGRAM FEE

There is no program fee.

PARTICIPATION

For nomination, please fill Google form (Link given below) latest by 23rd September 2022 by 1600 hrs. Confirmation acceptance of nominations will be uploaded on NWA website (https://nwa.mah.nic.in) under the "Upcoming Events" link on 23rd September 2022 at 17:00 hrs. Participants will be awarded a certificate of participation at the end successful completion of program.

CONTACT

For query- WhatsApp: 9718936741

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Website: http://nwa.mah.nic.in

Registration

Please click the link and fill the online Google form:
https://forms.gle/gVLFHzzxSALBHU3PA