NATIONAL PRODUCTIVITY COUNCIL
(Under Ministry of Commerce & Industry, Govt. of India)

REGIONAL DIRECTORATE

4th Floor, Kabir Bhawan, G.T. Road, Kanpur-208005

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Website : www.npcindia.gov.in

राष्ट्रीय उत्पादकता परिषद्
(वाणिज्य एवं उद्योग मंत्रालय के अधीनस्थ, भारत सरकार)

क्षेत्रीय निदेशालय

चतुर्थ तल, कबीर भवन, जी.टी. रोड, कानपुर–208005

दूरभाष : 0512-2224860, 2224176
फैक्स : 0512-2224177
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Ref. No.:-IE/RD/KAN/01/2021

Date: -27th June 2021

Dear Sir/Madam,

Subject: - On-line 10 Days Training Course on "Full Stack Cross Platform Application Development" (Web App and Android App Development) from 16th February to 26th February 2021 by National Productivity Council (under DPIIT, Ministry of Commerce & Industry, Govt. of India)

We are pleased to announce On-line 10 Days Training Course on "Full Stack Cross Platform Application Development" (Web App and Android App Development) from 16th February to 26th February 2021 by National Productivity Council (under DPIIT, Ministry of Commerce & Industry, Govt. of India)

This On-line Training Course has been designed for the benefit of Graduate persons or Students pursuing their graduation degrees in any year or any semester who are seeking a new and dynamic profession, want to develop creative and technical skills for Full Stack Cross Platform Application Development or who want to enhance their marketing strategies for their companies through App development, or who have a good sense of designing and creativity to take the Full Stack Cross Platform Application Development as career options.

We trust, you would like to avail this opportunity by nominating yourself or a couple of employees or students or interns, working professionals, stakeholders, etc. from appropriate levels from your organization/institute/office in order to get the benefit in totality.

We are enclosing the brochure which gives details about topics to be covered along with its financial implications for your kind perusal, reference and necessary action.

Thanking You,
Yours Faithfully,

Amitava Ray

(Amitava Ray)
Regional Director
NPC, RD-Kanpur

NATIONAL PRODUCTIVITY COUNCIL

(under DPIIT, Ministry of Commerce & Industry, Govt. of India)

10 Days Training Course on

"Full Stack Cross Platform Application Development"

16th February to 26th February 2021

Course Fee:- Rs. 4956/- per participant (Limited Participation)

Mode of Payment through Cheque only. For details please go to link given below

Last Date for Registration: -14th February 2021 upto 10:00 pm

Link for Registration:-https://tinyurl.com/y3vw4mmz

Participants will be given E-Certificate for Participation

Course Coverage: - Python, Modern Software and Cross Platform Development, HTML 5, CSS3, Bootstrap, Database Designing with MySQL, Rest API Development with PHP, Working XHR and Data binding with JavaScript, Hosting Application with VPS, Cordova, Electron JS

Eligibility Criteria: - Participant should have the working knowledge of Computers

Rajeev Gupta, Deputy Director,

Regional Directorate, 4th Floor, Kabir Bhawan, GT Road-Kanpur-208005, Ph: 0512-2224860

E-mail id:- kanpur@npcindia.gov.in, rajeev.gupta@npcindia.gov.in;

Mobile No:- 7390802060, 9408876163

Full Stack Cross-Platform Application Development

Course Name	Main Topics of Training Course	Date of Training Course	Day of Training Course	Course Coverage of Training Course	Timings
Basic Programming concept with Python	Variables and Datatypes, Conditional Statements, Operators, Iterative Statements, Functions, Data Structures, Object-Oriented Programming Concepts	16th February 2021	Tuesday	Introduction to Programming Language	10:00 am to 11:00 am
				Variables and Datatypes, Conditional Statements	11:00 am to 1:00 pm
				Operators, Iterative Statements	2:00 pm to 4:00 pm
		17th February 2021	Wednesday	Functions, Data Structures	11:00 am to 1:00 pm
				Object-Oriented Programming Concepts	2:00 pm to 5:00 pm
Introduction to Website Development	Modern Software and Cross Platform Devleopment, Client Server Mechanism, HTML 5, CSS3, BootStrap	19th February 2021	Friday	Modern Software and Cross Platform Development, Client Server Mechanism	11:00 am to 1:00 pm
				HTML 5, CSS 3, Bootstrap	2:00 pm to 3:30 pm
					4:00 pm to 5:30 pm
Database Designing with MySQL Database	ER Diagram, SQL Queries - CRUD Operations, Views, Using MySQL Workbench tool to build the database	22nd February 2021	Monday	ER Diagram, SQL Queries - CRUD Operations	12:00 pm to 1:30 pm
				Views, Using MySQL Workbench tool to build the database	2:30 pm to 4:30 pm
REST API Development with PHP	The MVC Framework, Introduction to PHP Syntax, Writing REST API, Connecting PHP with MySQL database, JWT Integration, Build business logic for the app	23rd February 2021	Tuesday	The MVC Framework, Introduction to PHP Syntax	10:00 am to 12:00 pm
				Writing REST API, Connecting PHP with MySQL database	1:00 pm to 3:00 pm
				JWT Integration, Build business logic for the app	3:30 pm to 5:30 pm

Full Stack Cross-Platform Application Development

Course Name	Main Topics of Training Course	Date of Training Course	Day of Training Course	Course Coverage of Training Course	Timings
Working XHR and Data binding with JavaScript	Introduction to JavaScript, DOM (Document Object Model), Sending GET and POST type XHR (XML HTTP Request), Maintaining Session at the browser side, Data Binding	25th February 2021	Thursday	Introduction to JavaScript, DOM (Document Object Model)	10:00 am to 11:00 am
				Sending GET and POST type XHR (XML HTTP Request), Maintaining Session at the browser side, Data Binding	11:30 am to 1:30 pm
Hosting Application with VPS, Cordova, Electron JS	Hosting Application with your own VPS, Using Cordova to convert the front-end of the web app to an android app, Using ElectronJS to convert the front-end of the web app to a desktop app	26th February 2021	Friday	Introduction to cloud computing, What is VPS, Purchasing VPS on Digital Ocean Platform, Installing LAMP (Linux, Apache, MySQL, PHP) Stack on Server, Uploading application using SFTP, Accessing from browser	11:00 am to 1:00 pm
				What is Cordova and how it works?, Installing and configuring Cordova, Create a new project with Cordova, Bundling HTML, CSS, and JS in Cordova folder, Cordova Build and Running app in a smartphone	2:00 pm to 3:30 pm
				What is Electron JS and how it works?, Environment Setup for Electron JS, Creating a new project with Electron JS, Bundling HTML, CSS and JS in Electron folder, Building and running electron app	4:00 pm to 5:30 pm

Training Course Fee is 4,956/- (Rs. Four Thousand Nine Hundred Fifty Six Only)

**Training Course Fee is to be paid through Cheque only.
The Cheque ('A/C Payee Only') should be drawn in favour of :-**

'NATIONAL PRODUCTIVITY COUNCIL'.

- On the back of Cheque; please mention your Name, Mobile Number and Aadhaar No.

- Only CTS cheques will be accepted for the payment of participation fee

- Your Cheque should reach to following Address before **14th February 2021**

**National Productivity Council
4th Floor, Kabir Bhawan, G.T. Road,
Directorate of Industries Office Campus,
Near Gol Chauraha, Kanpur-208005, Uttar Pradesh**

Cheque needs to be sent to above mentioned address through Speed Post or Courier only. National Productivity Council-Kanpur will not be responsible for any delay or loss of cheque till we acknowledge the receipt of cheque at our end.