

File No.13020/1/2019-IES (Part 1)
Government of India
Department of Economic Affairs
(IES Cadre)

Room no. 59, North Block
New Delhi, Dated: 11th February 2021

OFFICE MEMORANDUM

Subject: Nomination of Indian Economic Service (IES) Officers for In-Service Training Programme on "Management Development Programme on Data Analytics & Applied Machine Learning with R" with IIT Kharagpur to be held from 6th-21st March, 2021.

The Indian Economic Service (IES) Cadre being the Cadre Controlling Authority for the Officers of the IES hereby nominates the following officers for In-Service Training Programme on "Management Development Programme on Data Analytics & Applied Machine Learning with R" with IIT Kharagpur to be held during 6th-21st March, 2021, as per details given below:-

S.No.	Name	Batch	Designation	Department
1	Dr. Md. Nazmuddin	1993	Economic Adviser	CACP
2	Shri Hara Kumar Hajong	1995	Economic Adviser	Pharmaceuticals
3	Dr. Abinash Dash	2009	Joint Director	Economic Affairs
4	Shri Sudaveni Satyanarayana	2011	Deputy Director	Economic Affairs
5	Shri Hari Prasad Jaiswal	2012	Deputy Director	Tribal Affairs
6	Dr. Molishree	2011	Deputy Secretary	Economic Affairs
7	Ms. Kokila Jayaram	2011	DGM	IBBI
8	Shri Syed Zubair Husain Noqvi	2011	Deputy Director	Economic Affairs
9	Shri Kapil Patidar	2011	Deputy Secretary	Economic Affairs
10	Dr. Unmana Sarangi	2011	Deputy Director	Information & Broadcasting
11	Shri Kaviarasan K	2011	Deputy Director	Economic Affairs
12	Shri Shoyabahmed Kalal	2011	Deputy Secretary	NITI Aayog
13	Shri Om Prakash Thakur	2011	Senior Research Officer	NITI Aayog, DMEO
14	Shri Vivek Chaudhary	2011	Deputy Secretary	Water Resources, RD & GR
15	Ms. Taruna Doliya	2011	Deputy Director	Economic Affairs
16	Shri Ajay Pal Singh Sirohi	2011	Deputy Director	Shipping
17	Shri Babu Lal Verma	2011	Deputy Director	Information & Broadcasting
18	Shri Basudeb Das	2011	Deputy Director	Panchayati Raj

19	Shri Magan Lal Meena	2011	Senior Research Officer	NITI Aayog, DMEO
20	Shri Moti Ram	2012	Assistant Commissioner	Rural Development
21	Shri Rai Prasad Patnaik	2012	Recovery Officer	Debts Recovery Tribunal
22	Dr. Sunil Kumar Gupta	2012	Deputy Director	CACP
23	Shri Dinesh Kumar Sharma	2012	Deputy Director	Coal
24	Shri Sukhdeep Singh	2012	Deputy Director	Labour Bureau
25	Shri Ashok Kumar	2012	Deputy Director	Labour Bureau
26	Shri Gaurav Kumar Jha	2013	Deputy Director	Economic Affairs
27	Shri Ashish Shinde	2013	Deputy Director	Economic Affairs
28	Shri Satinder Kumar	2013	Deputy Director	Consumer Affairs
29	Ms. Gurvinder Kaur	2014	Deputy Director	Economic Affairs
30	Ms. Shreya Bajaj	2017	Assistant Director	Economic Affairs

2. The training programme will be in online mode and the sessions would be held on weekends only. The IES Cadre will bear the Programme fee. The nominated participants are requested to attend the Training Programme scheduled from 06th March-21st March as per the schedule attached.

3. This issues with approval of the Competent Authority

Encl: As above

Seema Jain
11/2/2021
(Seema Jain)

Deputy Director (IES)
Tel: 011-2309-5219

To,

1. Member Secretary, Commission for Agriculture Costs and Prices, Shastri Bhawan , New Delhi-110001.
2. Joint Secretary (Administration/Establishment), Department of Pharmaceuticals, M/o Chemicals and Fertilizers, Shastri Bhawan , New Delhi-110001.
3. Additional Secretary (Administration), Department of Economic Affairs, North Block, New Delhi.
4. Joint Secretary (Administration/Establishment), Department of Consumer Affairs, Krishi Bhawan, New Delhi, Delhi 110001.
5. Joint Secretary (Administration/Establishment), D/o Higher Education, Shastri Bhawan, New Delhi, Delhi 110001.
6. Deputy General Manager (Establishment), IBBI, 7th Floor, Mayur Bhawan, Shankar Market, Connaught Circus, New Delhi, Delhi 110001.
7. Joint Secretary (Administration/Establishment), M/o Information and Broadcasting, 6th Floor, 'A' Wing, Shastri Bhawan, New Delhi-110001.
8. Joint Secretary (Administration/Establishment), NITI Aayog, Sansad Marg, New Delhi
9. Joint Secretary (Administration/Establishment), Department of Water Resources, GR, Rafi Marg, Sansad Marg Area, New Delhi, Delhi 110001.

10. Joint Secretary (Administration/Establishment), Ministry of Shipping, Transport Bhawan, New Delhi, 110001.
11. Joint Secretary (Administration/Establishment), Ministry of Panchayati Raj, 11th Floor, J.P. Building, Kasturba Gandhi Marg, Connaught Place, Delhi 110001.
12. Joint Secretary (Administration), Ministry of Rural Development, st Floor, Krishi Bhawan, Dr Rajendra Prasad Rd, Marg, Rajpath Area, Central Secretariat, New Delhi, Delhi 110001.
13. Joint Secretary (Administration), Debts Recovery Tribunal, Jeevan Tara Building, Sansad Marg, Janpath, Connaught Place, New Delhi, Delhi 110001.
14. Joint Secretary (Administration), CACP, Shastri Bhawan, New Delhi – 110001.
15. Joint Secretary (Administration/Establishment), Ministry of Coal, Rajpath Area, Central Secretariat, New Delhi, Delhi 110001.
16. Director General, Labour Bureau, SCO 28-31, Sector 17-A, Chandigarh -160017.
17. Joint Secretary (Administration/Establishment), Ministry of Tribal Affairs, Rajpath Area, Central Secretariat, New Delhi, Delhi 110001.
18. Govt. of Goa
19. Officers concerned (As per list at para 1 of this O.M.).
20. Personal file of the nominated Officers.
21. Guard file on Trainings.

Copy to:

PPS to CEA / Adviser (IES)/ US (IES)/ DD (GKJ)/ AD (DSB) / SO (IES)

Indian Institute of Technology Kharagpur
Vinod Gupta School of Management
Proposed Management Development Programme on
Data Analytics & Applied Machine Learning with R
for Officers of Indian Economic Service [3 Week Online Programme]
Location: Vinod Gupta School of Management (VGSOM), IIT Kharagpur

Proposed Schedule

Week 1	
<i>6th March (9AM-12PM)</i>	
Session 1	Introduction to Big Data Analytics
Session 2	Basic Data Handling with R Programing
<i>6th March (2PM-5PM)</i>	
Session 3	More Data Handling with R Programing
Session 4	Basic Statistics and Probability, Probability Distributions
<i>7th March (9AM-12PM)</i>	
Session 5	Hypothesis Testing – t test
Session 6	Hypothesis Testing – F test and ANOVA, Chi square test
Week 2	
<i>13th March (9AM-12PM)</i>	
Session 7	Linear Regression
Session 8	Logistic Regression
<i>13th March (2PM-5PM)</i>	
Session 9	Machine Learning Technique – Artificial Neural Network
Session 10	Machine Learning Technique – Decision Tree
<i>14th March (9AM-12PM)</i>	
Session 11	Machine Learning Technique – Naïve Bayes for Sentiment Analysis
Session 12	Cluster Analysis for Segmentation
Week 3	
<i>20th March (9AM-12PM)</i>	
Session 13	Data Visualization using Power BI
Session 14	Data Visualization using Power BI
<i>20th March (2PM-5PM)</i>	
Session 15	Forecasting Techniques
Session 16	Forecasting Techniques
<i>21st March (9AM-12PM)</i>	
Session 17	Prescriptive Analytics
Session 18	Prescriptive Analytics

Details

All sessions are of 90 Min duration.

2 Extra doubt clearing sessions (2 hour each)

Total duration of the program = 30 hours

Sessions will be taken using MS Teams/Zoom and LMS

We will conduct 4 quizzes (MCQ) and 3 assignments (take home).

Resource Persons

Dr Swagato Chatterjee (B.Tech, IITKGP; FPM, IIM Bangalore)

Prof Swagato Chatterjee, an IIT-IIM alumni, has a rich client base for MDP and consultancy projects on analytics: Ministry of Finance, Ernst & Young, Yes Bank, CSC, Namura, Mitsubishi, Toyota, GE, Times of India, Coca-cola, NTPC, HPCL, Indian Oil, Philips, RPG Group etc. He brings in a mixture of industry experience and academic knowledge in the class to cater to audience of different seniority levels.

Dr Sujay Bhattacharya (PhD, IIITM, Gwalior)

Prof. Sujoy Bhattacharya's area of interest is business analytics. Prof. Bhattacharya is proficient in R and Python softwares. Prof. Bhattacharya can handle complex business analytics problems with varied applications.

Dr Parama Barai (MTech, IISc Bangalore; FPM, XLRI Jamshedpur)

Prof. Parama Barai has six years' teaching experience in finance related subjects, specifically in the areas of investment management, financial analytics, financial risk modeling, derivatives, capital budgeting, and corporate finance. Prof. Barai also conducts research in these areas.

Dr Saini Das (FPM, IIM Lucknow)

Prof Saini Das is an assistant professor in the area of business analytics and information systems. Before joining IIT Kharagpur, she has taught in IIM Indore as a faculty of information systems area. Her expertise is in cyber security, e-commerce and management information systems.

Program Co-ordinator

Principal coordinator: Dr Swagato Chatterjee