File No. 13020/12/2018-IES Government of India Ministry of Finance Department of Economic Affairs (IES Cadre) *****

Room No. 59, North Block, New Delhi, Dated: 25.10.2018

OFFICE MEMORANDUM

Subject: Inviting applications for participation in the five-day "Management Development Programme on Big Data Analytics" with Indian Institute of Technology (IIT), Kharagpur to be held from 21st – 25th January, 2019.

IES Cadre being the Cadre Controlling Authority for the officers of the Indian Economic Service (IES) intends to conduct a five-day "Management Development Programme on Big Data Analytics" with Indian Institute of Technology (IIT), Kharagpur to be held from $21^{st} - 25^{th}$ January, 2019.

- 2. The five-day Programme will provide an insight into introduction of Big Data Analytics, basic data handling with R Programing, advance data handling with R Programing, basic Statistics and Probability, Probability Distributions, Data Visualization with Tableau, Data Visualization with Tableau, Hypothesis Testing t test, Hypothesis Testing F test and ANOVA, Chi square test, Linear Regression, Logistic Regression, Dimension Reduction and Factor Analysis, Machine Learning Technique Naïve Bayes for Sentiment Analysis, Machine Learning Technique Artificial Neural Network, Machine Learning Technique Decision Tree, Cluster Analysis for Segmentation, Forecasting Techniques and Forecasting Techniques.
- 3. The IES Cadre will bear the tuition fee and the cost of accommodation. However, TA/DA, as applicable to individual officers, will have to be borne by the concerned Ministry/Department/Organization where the officers are posted.
- 4. Administration/Establishment Division of the participating Ministries/ Departments/ Organizations may forward the application of interested officers in the prescribed format (Annexure-I) to the undersigned (Room No. 251, North Block, Department of Economic Affairs) or send it via e-mail at dilasha.vasudeva@gov.in latest by 20.11.2018.

5. This issues with approval of the Competent Authority.

(Dilasha Anand) Assistant Director (IES)

Tele: 2309514

(Continued ...)

Application Form

1.	Name of the applicant (Dr./Mr./Ms.):
2.	Batch/Year of entry into IES:
3. belov	Training Programme (organized by IES Cadre) attend in the last two years (lisw):
4.	Ministry/Department where currently working:
5.	Designation:
6.	Relieving Authority (Name & Designation):
7.	Mailing Address:
(i) Office
(ii) E-mail
8.	Telephone No.
	(i) Office (iii) Mobile
9.	Relevance of course to the Officer: