Institute of Actuaries of India
Statutory body established under an Act of Parliament

Unit No. F-206, 2nd Floor, F Wing, Tower II, Seawoods Grand Central,
Plot no R-1, Sector 40, Nerul Road, Navi Mumbai - 400706
+91 22 6243 3333 +91 22 6243 3322

March 28th, 2019

ANNOUNCEMENT

TRAINING FOR
R- THE STATISTICAL SOFTWARE FOR CS1 & CS2
ON 23rd -27th APRIL 2019

I. ABOUT THE PROGRAM

Learning R- statistical software is a necessity of Actuarial curriculum starting from year 2019 for two practical examinations, viz., CS1B & CS2B. A training in R at this stage is not only important to students appearing for new examinations, but equally important to all those members of the profession who already done all CT levels. Student members who are in their different levels of advancement of examinations may have to integrate the knowledge and practice of using R in order to sync their professional expertise in line with the new pace and objects of new curriculum in place . The IAI understands the need of the market as well as the requirements of the profession, hence planned a series of training programs in R; to begin with, an exclusive 5 days training program is scheduled during 23rd -27th April 2019 in order to meet needs of students appearing for June 2019 examinations.

II. PROGRAM DETAILS:

- ✓ **Dates**   : Tuesday, 23rd to Saturday, 27th April 2019 (5 days)
- ✓ **Venue**   : Class room, Institute of Actuaries of India, Unit No F-206, 2nd Floor, F-Wing, Tower 2, Sea Woods Grand Central, Near Sea Woods Railway station, Navi Mumbai- 400 706
- ✓ **Timings**   : 9.30 AM Sharp - 6.00 PM on both dates
- ✓ **Registration fee** : Rupees Six thousand (₹6,000.00) only
- ✓ **Coverages:**

  - What is R? Why R for us?
  - Description and installation of R GUI and its IDEs.
  - Packages - meaning, inbuilt, installing & loading more
  - Environments in R, Arithmetic in R
  - Import and export - various files types(citation needed to finalise list of types such as .csv)
  - Help features and functions from packages
  - Data and its edition - vector, matrices, data frames, lists, arrays and under them numeric, character, factor, missing cells.
  - Graphics - plot(inbuilt function) and ggplot2 package
  - Probability and Mathematical statistics (prior knowledge assumed) in R
  - Conditional statements - do. call, if else
  - R loops(also used to make own function) - for, while, repeat
  - R loops - apply family
  - Statistical distributions
  - Simulations based on specific distributions
  - Statistical Testing (Hypothesis Tests)
  - One way, Two way ANOVA
  - Regressions (Linear, GLM)
  - Introduction to Time Series Analysis
  - Introduction to Machine Learning Algorithms
  - Introducing Actuarial Packages (actuar, chain ladder)
  - Actuarial models in R connected to CS1B, CS2B

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III.   FACULTY:

Dr. Muhammad Fareed Thayyil, PhD will be the faculty member supported by other experts in R

IV.   BENEFITS OF ATTENDING THE PROGRAM:

- ✓ Beginning of learning R, begins to understand similar software like SAS, SPSS etc.,
- ✓ Development of new skill and preparing for all future times
- ✓ Gaining new job opportunities in the areas of data analytics and data science
- ✓ Gaining new employment opportunities
- ✓ Best Infrastructure, affordable fees
- ✓ Preparing for CS1B and CS2B

V.   IMPORTANT POINTS TO NOTE:

- ✓ Registrations will be immediately closed when it reaches to the seat capacity.
- ✓ Seats are limited to 30 students only; registration would be given on a first come-first served basis.
- ✓ See **Annexure-1 to Annexure 3** for important guidelines for candidates registering for the program.

VI.   REGISTRATION

- ✓ Registration starts from **30th March, 2019; 6 PM.**
- ✓ Please login to the IAI page to find registration menu under "Class Room Coaching"

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<u>Annexure - 1</u>

Important Guidelines

- ✓ Please bring your laptop for R-installation and hands-on experience.
- ✓ Lunch, tea/ coffee and snacks shall be provided by the Institute for all 5 days.
- ✓ No full/ part refunds of registration for any reasons.
- ✓ The program is open for all members, however, Candidates registered for either or both of CS1, CS2 examinations in June 2019 will be preferred
- ✓ Candidates to strictly adhere to the timings of the session
- ✓ Keep mobile phones in silent mode; Not to attend calls when sessions in progress
- ✓ Wear smart casual dress
- ✓ For any assistance, please connect to any one of the following:

  - o Mr. Vinod Kumar Kuttierath at hoet@actuariesindia.org or 022 6243 3359
  - o Mr. Dinesh Chandra Khansili at ed@actuariesindia.org or 022 6243 3357

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Annexure-2

List of few hotels/service apartment near IAI Office, Seawoods

The below hotels can be booked online/route map can be checked using websites like www.booking.com, www.tripadvisor.com, www.agoda.com, www.makemytrip.com or www.cleartrip.com

1. **Hotel Heritage Dakshin**
   - ❖ Sai Chambers, Sector-11, Opp.CBD Belapur Station(E), Navi Mumbai, Maharashtra 400614
   - ❖ Phone: 022 2756 0203
   - ❖ Email: reservation.hoteldakshin@gmail.com
   - ❖ ₹ 2261 per night
   - ❖ Check-In 12 Pm | Check-Out 12 Pm
   - ❖ 4.2 Kms from IAI Office

2. **Hotel Aishwarya Residency**
   - ❖ Plot no- 34/B, Sector 23 , Nerul, Darave, Opp. Seawood Railway Station, Navi Mumbai, Maharashtra, 400706 India
   - ❖ ₹2,350 per night
   - ❖ Check-In 12 Pm | Check-Out 12 Pm
   - ❖ 450 Metres (5 minutes walking) from IAI Office

3. **K Star Hotel**
   - ❖ Plot No.46 & 55, Sector - 11, C.B.D Belapur, Navi Mumbai, Maharashtra 400614
   - ❖ Phone: 022 6793 9111
   - ❖ Email: reservation@kstarshotel.com
   - ❖ ₹2400 per night
   - ❖ Check-In 12 Pm | Check-Out 12 Pm
   - ❖ 4.2 Kms from IAI Office

4. **Service Apartment - Live Innovative Stay Solutions Pvt. Ltd.**
   - ❖ C Lounge Palm Beach Road Belapur, Navi Mumbai, Maharashtra 400614
   - ❖ Phone: 9049200044
   - ❖ Email: services@liveinnovative.in
   - ❖ ₹ 1900 per night
   - ❖ Check-In 2 Pm | Check-Out 12 Pm
   - ❖ 2.8 Kms from IAI Office

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Annexure - 3

In case of emergency

The below hospitals are near to the office for any medical support

Emergency Medical Services			
Name	**Address**	**Distance / Response time**	**Contact Number**
Mina Tai Thakare Hospital	Park Ave Road, Vighnahar Co-operative Housing Society, Sector 15, Nerul, Navi Mumbai 706	1.5 km (5 Min)	022 - 27700376
Apollo Hospital	Plot no. 13, Parshik Hill Road, Sector 23, CBD Belapur, Navi Mumbai 614	2.7 Km (8 Min)	022 - 33503350