



asci
Leadership through Learning

ADMINISTRATIVE STAFF COLLEGE OF INDIA

Bella Vista, Raj Bhavan Road, Hyderabad -500 082
Phone: +91-40-23310852; Fax: 040-66534356, 040-23312954
email: poffice@asci.org.in ; URL: www.asci.org.in

Dr. Karnak Roy and Dr. Sweety Pandey
Programme Directors

December 02, 2024

Dear Sir/Madam,

Programme on
Data-Driven Decision Making
[Applied Econometrics / AI / ML / IoT /
Blockchain / Data Mining]
(February 03 - 07, 2025)

Data and algorithms are coalescing in powerful novel ways to solve organizational and real-world problems. Organizations that learn to extract the fundamental value of data and use it stand to drive profitable activities. However, the full value of big data and information can only be unlocked by enhancing the analytical capabilities of the stakeholders. Although many sectors are aggressively adopting applied econometrics, artificial intelligence (AI), machine learning (ML), and other new-age technologies such as the Internet of Things (IoT), blockchain, data mining, etc., a massive skills gap exists across industries and government departments. Thus, it has become imperative for the officers/executives/managers to have an in-depth understanding of applied econometrics techniques and new-age digital technologies.

In view of the above, our college is running a unique five-day residential training programme on **Data-Driven Decision Making [Applied Econometrics / AI /ML /IoT / Blockchain / Data Mining]** from **February 03 - 07, 2025**. This programme aims to build competencies of the participants around – (i) handling big data, and data analytics tools, and (ii) decoding AI/ML/ IoT/Blockchain – that be used to drive critical strategic organisational decision-making.

Hence, you are requested to depute middle/senior level officers dealing with data and/or exploring ways of how data and analytics can improve the quality of work delivered. The programme brochure and nomination form are enclosed herewith for your kind perusal. Please inform us should you require any further information regarding this from our end. We can be reached at **+91-8374509927** or **karnak.roy@asci.org.in**.

Assuring your officers of a great learning experience at ASCI.

Sincerely Yours,

Karnak Roy

Encl: Brochure and Nomination Form



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Programme on

DATA-DRIVEN DECISION MAKING

[Applied Econometrics / AI/ML / IoT / Blockchain / Data Mining]

(February 03 - 07, 2025)



*“Without Data,
You’re Just another Person with an Opinion”
- W. Edwards Deming*

Administrative Staff College of India
(accredited as उत्कृष्ट by Capacity Building Commission, GoI)

PROGRAMME OVERVIEW

Data and algorithms are coalescing in powerful novel ways to solve organisational and real-world problems. Organisations that learn to extract the fundamental value of data and use it stand to drive profitable activities. However, the full value of big data and information can only be unlocked by enhancing the analytical capabilities of the stakeholders. Although many sectors are aggressively adopting applied econometrics, artificial intelligence (AI), machine learning (ML), and other new-age technologies such as the Internet of Things (IoT), blockchain, data mining, etc., a massive skills gap exists across industries and government departments. Thus, it has become imperative for the officers/executives/ managers to have an in-depth understanding of applied econometrics techniques and new-age digital technologies. This programme, hence, aims to build competencies of the participants around– (i) handling big data and business analytics tools, and (ii) decoding AI/ML/IoT/Blockchain – that be used to drive critical strategic organizational decision-making.

PROGRAMME CONTENT

Applied Econometrics

- ◆ Data-driven Decision Making through Statistical Inference
- ◆ Predictive Analytics using Regression
- ◆ Binary and Multinomial Choice Models
- ◆ Modeling Time Series Data
- ◆ Hands-on exercises with Excel & STATA software

New-Age Technologies

- ◆ Applying AI and ML to real-world problems
- ◆ Machine Learning and Deep Learning in real-time
- ◆ Business Intelligence Tools for Monitoring
- ◆ Hands-on Modeling to develop Algorithms
- ◆ Concepts of Data Mining
- ◆ Benefits and Challenges of applying Blockchain and IoT
- ◆ Hands-on exercises with R-Studio & Tableau

IMPACT

Upon completion of the program, the participants will be able to:

- ◆ Perform data exploration, visualization, hypothesis building, and testing

- ◆ Analyze, interpret, and deliver data in meaningful ways
- ◆ Evaluate classification and clustering models to improve performance
- ◆ Learn the disruptions occurring in several domains/industries due to AI & ML
- ◆ Implement data mining and deep learning algorithms
- ◆ Apply skills with hands-on projects

PEDAGOGY

This is an intensive five-day program with a perfect blend of theory and extensive hands-on practice in applied econometrics, AI, and ML education, leveraging ASCI's academic excellence. The entire approach of the program will be to impart domain expertise in econometric tools and techniques, AI, ML, IoT, and blockchain technology. It will comprise multiple practical case studies that will test the understanding and add context to all that is covered in the program. Sessions will be delivered by experts commanding years of work experience in the fields of big data and analytics, econometrics, AI, and ML. Tools like R-Studio, Tableau, STATA, etc., will be used to deliver the practical sessions.

PARTICIPANT PROFILE

- ◆ Middle and Senior Level Officers working in the State/Union Departments of – Planning, Economics & Statistics, Commerce & Industries
- ◆ Middle and Senior Level Managers working in the Securities and Exchange Board, Stock Exchange, Consulting Companies, PSUs, and so on, who are instrumental in driving data-driven decisions
- ◆ Business Analysts / Economists / Statisticians working with the Banks
- ◆ Any Data Analytics Enthusiasts

Organisational sponsorship is essential.

PROGRAMME VENUE

The programme is fully residential and the participants will be accommodated in air-conditioned single-occupancy rooms. The College does not provide accommodation for the family. The College is Wi-Fi enabled in a comprehensive way.

PROGRAMME DURATION

The programme duration is from **February 03 - 07, 2025**. The participants are expected to arrive a day before commencement and may leave after the conclusion of the programme.

PROGRAMME FEE

Residential Fee: Rs. 69,500/- (US \$1086 for foreigners) plus GST as applicable (presently 18%) per participant. The fee covers tuition, board and lodging, courseware (in electronic form), and other facilities of the College including internet usage.

Non-Residential Fee: Rs. 59,500/- plus GST as applicable (presently 18%) per participant. The fee covers tuition, course ware (in electronic form) working lunch and other facilities of the College including internet usage.

A discount of 10% on the Programme fee for three or more participants from the same organization will be given, provided the payment is credited into our Bank account before **January 31, 2025**.

Note: Kindly forward us the details of Bank/Wire transfer of fee payment indicating the **Programme Code (Prg/24 - 25/1/122)** to poffice@asci.org.in for confirmation.

Bank details are given below:

For Indian Participants:

Bank Account Number 62090698675
Beneficiary Name Administrative Staff College of India
IFSC Code SBIN0020063
Bank Name State Bank of India
Branch Address Bella Vista Branch, Raj Bhavan Road, Somajiguda, Hyderabad - 500 082

For Foreign Participants:

Bank Account Number 62090698675
Beneficiary Name Administrative Staff College of India
Swift Code SBININBB327
Bank Name State Bank of India
Branch Address Bella Vista Branch, Raj Bhavan Road, Somajiguda, Hyderabad - 500 082.
Country India

MEDICAL INSURANCE

The nominees are requested to carry with them, the proof of Medical Insurance. The sponsoring agency is required to endorse the nominee's medical coverage in the event of hospitalisation.

LAST DATE FOR NOMINATION

Please use the prescribed/attached form. The last date for receiving nominations is **January 27, 2025**. Kindly contact Programmes Officer for further details (contact details are given at the end of the nomination form).

LAST DATE FOR WITHDRAWAL

January 29, 2025. Any withdrawals after this date will entail forfeiture of fee paid, if any.

ASCI ALUMNI ASSOCIATION

Participants of the College programs will automatically become members of the ASCI alumni association.

CERTIFICATE OF PARTICIPATION

The College issues a Certificate of Participation on conclusion of the programme.

Programme Directors

Dr. Karnak Roy

Ph.D. (Calcutta University)
Assistant Professor

Centre for Management Studies

Administrative Staff College of India, Hyderabad

Cell No: 91-8374509927, Email: karnak.roy@asci.org.in

Dr Sweety Pandey

Ph.D.(Economics)
Assistant Professor

Centre for Management Studies

Administrative Staff College of India, Hyderabad

sweety.pandey@asci.org.in

Administrative Staff College of India (ASCI) is taking all the precautionary measures and following all the norms (in light of COVID 19) to provide a safe environment for the participants who are visiting our Campus to attend the Training Programmes.



*The Bella Vista Campus of ASCI-
Erstwhile Palace of the Prince of Berar*

Our Story

Established in 1956, the Administrative Staff College of India (ASCI), Hyderabad, is an autonomous, self-supporting, public-purpose institution with the objectives of being a think-tank for policy inputs and to build the capacities of practicing professionals in the management of government and business enterprises. It is an institution of excellence and national importance that was jointly founded by the Government of India and the Industrial sector. Capacity building and applied research assignments constitute the bedrock of the activities of ASCI. By delivering several entrusted assignments of varied scale, scope, spread and specialization for over many decades, ASCI has been able to carve a niche for itself globally in the field of capacity building and applied research and consultancy works. Since ASCI enjoys the trust and confidence of the government and industry, it is relied upon and entrusted with assignments of varied scale, scope, sweep, spread and specialization. Importantly, this premiere Institute has demonstrated competencies in the area of Advanced Data Analytics with abundance of experts in related areas that may benefit the proposed training. It has supportive services and unique infrastructure facilities or instruments that will directly benefit the training programme. For further details, please visit the Official Web Page of ASCI, Hyderabad @ <https://www.asci.org.in/>.



Administrative Staff College of India

Bella Vista, Raj Bhavan Road, Khairatabad,
Hyderabad - 500 082, India.

Telefax (Programmes Office) : 0091-40-23324365

Mobile: 9246203535, Phone : 0091-40-66534247

Fax : 0091-40-66534356

College Park Campus

Road No. 3, Banjara Hills,
Hyderabad - 500 034.

Tel: 040-66720700 / 01 /02 /05

Fax : 040-66720725

Delhi Campus

C-24, Institutional Area
South of IIT, Behind Qutub Hotel
New Delhi-110 016.

Tel: 011-26962204, 26961750, 26961850



Nomination Form

Programme on

Data-Driven Decision Making

[Applied Econometrics / AI/ ML / IoT / Blockchain / Data Mining]

(February 03 - 07, 2025)

Nominee's Contact Information :

Name (Mr/Ms) :	_____	Date of Birth :	_____
Designation :	_____	Qualification :	_____
Organisation :	_____		
Address :	_____		
Phone(s) :	(Off) : _____	(Mobile) : _____	Home : _____
e-mail :	_____	Fax :	_____

Sponsor's Details

Name of the Sponsoring Authority _____	Designation _____
Organisation :	_____
GSTIN No. :	_____
Address :	_____
	Pincode : _____
Phone(s) :	(Off) : _____ (Mobile) : _____
e-mail :	_____ Fax : _____

Fee Particulars

Amount Payable :	Mode of Payment (DD/Chq/NEFT) :
Name of the Bank :	Date of Instrument/Transfer :
Instrument Number :	UTR Number for NEFT :

Medical Insurance

Name of the Insurance Agency	Policy Number	Validity upto

Note : Coverage should be available in Hyderabad, India

Signature and Official Seal of the Sponsoring Authority :

NOTE : Forward nomination form to : **Mr. G. Sreenivasa Reddy, Programmes Officer**, Administrative Staff College of India, Bella Vista, Hyderabad-500 082. Phone : 0091-40-66534247, 66533000, Mobile: 9246203535, Fax : 0091-40-66534356, e-mail: poffice@asci.org.in