

Report

On

Certificate on Course on

***Advances in Applied Econometrics with
STATA Software***

Conducted by

Department of Economics

**Raja Peary Mohan College, Uttarpara,
Hooghly**

2022-2023



RAJA PEARY MOHAN COLLEGE

1, Acharya Dhruba Pal Road,

Uttarpara, Hooghly, West Bengal, Pin- 712 258.

Tel No.: (033)2663-0191, Mob: 7074292263

Website: <https://www.website.rpmcollege.edu.in/>, e-mail: rajapearymohancollege@gmail.com

ISO Certified

Ref.: _____

Date: _____

DECLARATION FROM THE PRINCIPAL

This is to certify that all the data provided in this document is true to the best of my knowledge.

BROCHURE OF ADD ON COURSE



Raja Peary Mohan College

1, Acharya Dhruba Pal Road, Uttarpara, Hooghly
West Bengal, Pin : 712258

Established : 1887
(NAAC Accredited)

Website: www.rpmCollege.edu.in
Email: rajapearymohancollege@gmail.com



ADD ON COURSE

DEPARTMENT OF ECONOMICS

ADVANCES IN APPLIED ECONOMETRICS WITH STATA SOFTWARE

Course Particular

Course Name : Advances in Applied Econometrics with STATA Software

Course Director : Dr. Sudip Kumar Chakrabarty
(Principal, Raja Peary Mohan College)

Course Co-ordinators : Dr. Mala Bhattacharjee and Dr. Rajrupa Mitra

Course Objective :

- The Course intends to enrich students with basic skills on the various applied econometric techniques.
- After completion of the course, participants will acquire the knowledge of organizing, managing, analysing and interpreting data.
- The participants will be proficient in Statistical software package namely STATA and use it for further practices in Applied Econometrics.

Course Fee : A course fee of Rs 500 will be charged from the students.

Eligibility and Target Group : Semester VI B.Sc. Economics Honours students will be the focus group.

Course Duration : 32 Hours equivalent to 16 Credits (1 Credit=2 Hours)

Course Mode : The course will be in Offline mode with Computer Learning or Hands on Learning

Course Evaluation : Evaluation will be on Practical Examination. Minimum requirement is 80% of the total credits.

Certification : Certificates will be awarded after successful completion of the course and qualifying the Practical Examination.

Course Contents

<i>Module No.</i>	<i>Topic</i>	<i>Course Outline</i>	<i>Required Hours</i>
I (Credit : 2)	Steps in Formulating an Econometric Model	Specification	Total 4 hours
		Estimation	Theory: 4 Hours
		Testing of hypothesis	
		Forecasting	
II (Credit : 4)	The basic commands in Stata	Learning bg file	Total 8 Hours
		Learning do file	Theory: 2 Hours
		Import data	Practical: 6 Hours
		Basic Commands	
		Running Single variable Regression	
III (Credit : 2)	Multivariate Regression	Adding the rest of predictor variables	Total 4 hours
		Regression: using dummy variables	Theory: 1 Hour
			Practical: 3 Hours
IV (Credit : 4)	Panel Data Regression	Preparing Data into Panel Data format	Total 8 hours
		Assign numbers to strings	Theory: 2 Hours
		Setting data as panel	Practical: 6 Hours
		Visualizing panel data	
		Fixed-Effects Model	
		Random-Effects Model	
V (Credit : 2)	Time Series Analysis	Data management tools and time-series operators	Total 4 hours
		Univariate time series Estimators	Theory: 1 Hour
		Diagnostic tools	Practical: 3 Hours
		Forecasting models	
VI (Credit : 2)	Spatial Econometrics	Introduction	Total 4 hours
		Exploratory Spatial Data Analysis	Theory: 1 Hour
		Basic Spatial Econometrics	Practical: 3 Hours

ROUTINE OF ADD ON COURSE

RAJA PEARY MOHAN COLLEGE

Routine for the Add On Course

Department of Economics

	<i>Module No.</i>	<i>Topic</i>	<i>Course Taught</i>	1:30PM-2.30PM	2:30PM-3.30PM	3:30PM-3.30PM	4:30PM-5.30PM
10 th April Monday	1 (Credit: 2)	Steps in Formulating an Econometric Model	Specification	M.B	M.B		
			Estimation	Theory	Theory		
11 th April Tuesday			Testing of hypothesis	M.B	M.B		
			Forecasting	Theory	Theory		
24 th April Monday	II (Credit : 4)	The basic commands in Stata	Learning log file	M.B	M.B		
			Theory	Practical			
25 th April Tuesday			Learning do file	M.B	M.B		
				Theory	Practical		

29 th April Saturday			Import data		M.B	M.B	
			Basic Commands		Practical	Practical	
2 ND May Tuesday			Running Single variable Regression	M.B Practical	M.B Practical		
4 th May Thursday	III (Credit : 2)	Multivariate Regression	Adding the rest of predictor variables Regression: using dummy variables	M.B Theory	M.B Practical	M.B Practical	M.B Practical
6 th May Saturday	VI (Credit : 2)	Spatial Econometrics	Introduction Exploratory Spatial Data Analysis Basic Spatial Econometrics	S.H Theory	S.H Practical	S.H Practical	S.H Practical
10 th May Wednesday		Time Series Analysis	Data management tools and time-series Operators Univariate time series Estimators	R.P Theory	R.P Practical		

11th May	Thursday	V (Credit : 2)		Diagnostic tools Forecasting models	R.P Practical	R.P Practical		
12th May	Friday		Panel Data Regression	Preparing Data into Panel Data format Assign numbers to strings Visualizing panel data	S.G Theory	S.G Practical	S.G Practical	S.G Practical
13th May	Saturday	IV (Credit : 4)		Fixed-Effects Model Random-Effects Model	S.G Theory	S.G Practical	S.G Practical	S.G Practical
TOTAL		16 CREDIT			32 HOURS			



RAJA PEARY MOHAN COLLEGE

রাজা প্যারীমোহন কলেজ

1, ACHARYA DHRUBA PAL ROAD, UTTARPARA, HOOGHLY, WEST BENGAL, PIN- 712 258

Tel No. : 033-2663-0191 & 7074292263

E-mail : rajapearymohancollege@gmail.com Website : www.rpmcollege.edu.in

১, আচার্য্য ধ্রুব পাল রোড উত্তরপাড়া, হুগলী, পশ্চিমবঙ্গ, পিন - ৭১২২৫৮,

দূরভাষ : ০৩৩-২৬৬৩-০১৯১ & ৭০৭৪২৯২২৬৩

NAAC Accredited with B grade (2.7); ISO 9001 : 2015

Ref. No./সূচক সংখ্যা _____

Date/তারিখ 04.03.23

Extract of the Proceedings of the meeting of the IQAC of Raja Peary Mohan College,
Uttarpara, Hooghly, held on 27.02.2023 in the IQAC Room.

Agendum No 4:

Resolved that the following Addon/Certificate courses will start from 2022-2023 even semester.

New courses to be introduced

1. Political Science: Climate Change & Public Policy Indian Perspectives.
2. Physics: basic computational tools for scientific applications.
3. Research: Basic Practical Bio technology.
4. Mitali Women Cell: Handicrafts & Jewellery Making.
5. Philosophy: Philosophy & Practice: Some ethical issues in Contemporary era.
6. Central Library: Digital Library
7. Economics: Add on Course on Advances in Applied Econometrics with Stata Software
8. Bengali: Certificate Course on Folklore
9. Photography Club: Add on Course on Photography & Photo Editing for Beginners
10. Heritage Cell: Add on course on Painting & its Applications
11. Bengali: Add on Course on Eco-Fiction
12. Computer Science: Add on Course on Advance course on MS Office & Networking
- 13 Add on course on Book Making & Editing
- 14, Mathematics: Add on Course on Sage Maths and its Applications
15. Add on Course in Digital Marketing.

Sanjukta Bhattacharjee

Coordinator, IQAC
Raja Peary Mohan College
Uttarpara, Hooghly

Coordinator,
Internal Quality Assurance Cell
Raja Peary Mohan College
Uttarpara, Hooghly

প্রিন্সিপাল

Principal
Raja Peary Mohan College
Uttarpara, Hooghly

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

NOTICE OF THE COURSE



Raja Peary Mohan College

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Uttarpara, Hooghly, West Bengal, Pin- 712258

Phone No.: 2663 0881

Website: www.rpmcollege.edu.in

e-mail: rajapearymohancollege@gmail.com

Dated: 4th April, 2023

NOTICE

It is hereby notified for all concerned that the classes of the Add on Course on "Advances in Applied Econometrics with Stata Software" for VIth Semester Economics Honours Students will commence from 10th April, 2023.

Hala Bhattacharyi

1. Course Coordinator

Rajneeta Mitra

2. Course Coordinator

প্রিন্সিপাল

Principal

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

Admission record of the course

Sl. no	Name	College ID	Mail ID	Phone no.	Signature
1	Saheli Sett	B.Sc/20/0036	Saheli R Sett 002 @gmail.com	7980616162	Saheli Sett
2	Anjan Chandra	B.Sc/20/0105	anjan.chandra99 @gmail.com	690603328	Anjan Chandra
3	Sampreeti Ghosh	B.Sc/20/0100	ditlig7278@ gmail.com	9278440278	Sampreeti Ghosh
4	Suparnita Mukhopadhyay	B.Sc/20/0034	Suparnita2002 @gmail.com	7439598545	Suparnita Mukhopadhyay
5	Tamali Adak	B.Sc/20/0010	adak.tamali @gmail.com	1910374078	Tamali Adak
6	Priy Ghosh	B.Sc/20/0022	ghoshpriy 550@gmail.com	6201169854	Priy Ghosh
7	Anushree De	B.Sc/20/0085	anushree.de.102 @gmail.com	947773203	Anushree De
8	SK Masudur Rahman	B.Sc/20/014	masudali3899 @gmail.com	9420166195	SK Masudur Rahman
9	Anisha Kundu	B.Sc/20/0099	anishakund1223 @gmail.com	9038678395	Anisha
10	Tarishi Mukherjee	B.Sc/20/0113	mukherjitarishi @gmail.com	9875605049	TM
11	Tamanna Khatun	B.Sc/20/0020	Tkhatun.tamanna 291@gmail.com	7939643644	T.K
12	Yognasini Mukherjee	B.Sc/20/0046	Yognasini16@ gmail.com	6290267870	Y.M

Notice for Examination



Raja Peary Mohan College

1, Acharya Dhruba Pal Road,
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Phone No.: 2663 0881

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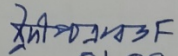
e-mail: rajapearymohancollege@gmail.com

Dated: 01/09/2023

NOTICE

It is hereby notified for the students of Semester VI of the Department of Economics that an examination on Add On Course of the Department will be held on 11th September 2023 (Monday), from 12 pm onwards in the Department of Economics. All students are requested to be present for the examination.

Mala Bhattacharya
Rajoupa Mitra
Coordinators, Add On Course


Principal 01.09.23

Raja Peary Mohan College

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

Certificate distribution of Add on course

9

Sl. no	Name	College ID	Mail ID	Phone no.	Signature
1	Saheli Sett	B.SC/20/0036	Saheli 2 Sett 002 @gmail.com	7980619162	Saheli Sett
2	Arpan Chandra	B.SC/20/0105	arpanchandra99 @gmail.com	090603328	Arpan Chandra
3	Sampati Ghosh	B.SC/20/0100	ditlig 9278@ gmail.com	927844027	Sampati Ghosh
4	Suparnita Mukhopadhyay	B.Sc/20/0034	Suparnita2002 @gmail.com	7439598545	Suparnita Mukhopadhyay
5	Tameli Adak	B.Sc/20/0010	Adak Tameli @gmail.com	1910374078	Tameli Adak
6	Pooja Ghosh	B.SC/20/0024	ghoshpooja 550@gmail.com	6201167854	Pooja Ghosh
7	Anushree De	B.SC/20/0085	anushree de . de @gmail.com	947773203	Anushree De
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9	Anisha Kundu	B.Sc/20/0099	anishakundu23 @gmail.com	9098678395	Anisha Kundu
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11	Tanvika Khatun	B.SC/20/0020	Tkhatun tanvika 211@gmail.com	7939643644	T.K
12	Yognasani Mukherjee	B.SC/20/0096	Yognasani166 @gmail.com	6290267870	YM

CERTIFICATE OF THE COURSE



Add-On Course
on
Advances in Applied Econometrics with STATA Software
organized by
Department of Economics
Raja Peary Mohan College, Hooghly

Certificate of Participation

This is to certify that Sampriti Ghosh of Raja Peary Mohan College has successfully completed the Add-On Course on "Advances in Applied Econometrics with STATA Software" (As per UGC norms) organized by the Department of Economics, Raja Peary Mohan College, Hooghly.

Principal
Raja Peary Mohan College

PHOTOGRAPHS OF ADD ON COURSE





