

Add-on Course on
"Empirical Research in Economics-II: Extraction and Application of Unit Level Data for NSS and NFHS using STATA", Department of Economics, Vivekananda College

IQAC recommendation

IQAC, Vivekananda College, Thakurpukur, met on 18/June/2022, to envisage, formulate and design Add-On Courses, beyond prescribed Curriculum. The IQAC has also decided to organise a program on staff training:

- A. It was decided that all the departments of Humanities, Science and Commerce would design and formulate 30 hour Add-On Courses for 2022-23, Academic calendar, as per UGC guidelines.
- B. It was decided that the Departments would be free to choose the Courses on the basis of their (subject) relevance, practicality and feasibility.
- C. It was decided that the Departments would have a Course Coordinator, who would design the Course and Course materials, in consultation with all teachers of the Department.
- D. It was decided that each Department would design their own format; and could follow a blended mode of instruction.
- E. It was decided that the Departments would be encouraged to use and utilize their own resources while formulating the Add-On Courses, rather than relying on Outsourcing.
- F. IQAC would send its recommendations to the Principal/TIC for perusal and implementation.
- G. The IQAC would also organise a Staff Training programme - 'Effective Working Style' Conducted by IPE Of Professional Excellence On 25th June 2022 .


18/06/22

Co-ordinator
I Q A C
Vivekananda College
Kolkata-700 063

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VIVEKANANDA COLLEGE
(GOVT. SPONSORED) (NAAC ACCREDITED GRADE 'A')

(033) 2497 6824
(033) 2497 6834

Ref. No.....

Date.....

Notice

It is hereby notified that Vivekananda College, Thakurpukur, will offer Add-On Courses to All Honours students for the Academic year 2022-23.

Each Department will offer an Add-On Course as per UGC guidelines. Each Course will be structured & overseen by a Course Coordinator, selected from the respective Department. Departmental Heads are requested to take up the matter on an urgent basis.

Handwritten signature
29/6/22

Principal

Vivekananda College
Thakurpukur, Koi-53

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Vivekananda College
Thakurpukur, Kolkata: 700063
Department of Economics

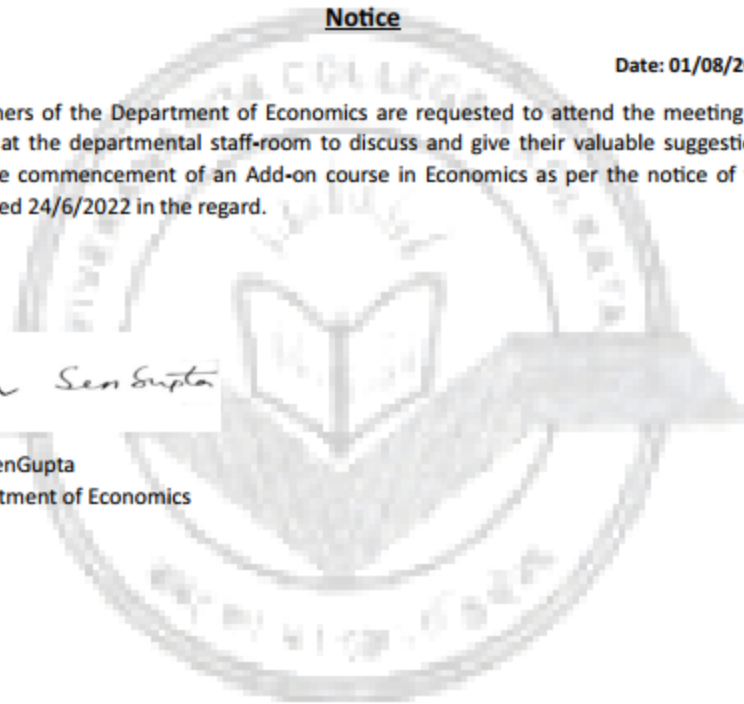
Notice

Date: 01/08/2022

All the teachers of the Department of Economics are requested to attend the meeting on 06/08/2022 at the departmental staff-room to discuss and give their valuable suggestions regarding the commencement of an Add-on course in Economics as per the notice of the principal dated 24/6/2022 in the regard.

Pampa SenGupta

Dr. Pampa SenGupta
Head, Department of Economics



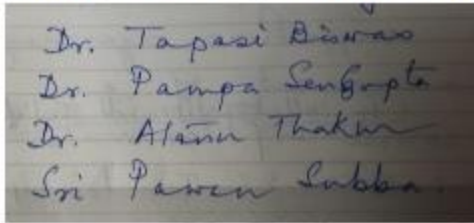
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Resolution of the Meeting held on 06.08.2022

A. Meeting was held on **06/08/2022** at the departmental staff-room from 12:00 noon.

Following Teachers were present in the meeting



B. Minutes of the meeting conducted:

In the Departmental meeting held on 06.08.2022, all the teachers unanimously agreed, (vide the IQAC recommendation dated 18.06.2022 and notice from the Principal dated 24.06.2022), that

- a. The Semester 3 Honours students would be offered a 30-hour Add-on course on "Empirical Research in Economics II: A Comprehensive Approach to Writing A Research Paper" in collaboration with IQAC, Vivekananda College.
- b. Dr. Pampa SenGupta would design the course structure on the Add-on Course on "Empirical Research in Economics-II: Extraction and Application of Unit Level Data for NSS and NFHS using STATA".
- c. The expertise of Priyanka Das, an alumnus of Vivekananda College and MPhil Research Scholar at The University of Burdwan and Dipsa Midya, an alumnus of Vivekananda College and MPhil Research Scholar at Jadavpur University would be utilized in the course. Priyanka Das and Dipsa Midya has been carrying out their research work using unit level NSS and NFHS data. Both have been doing considerable research work using their respective unit level datasets. They along with Saptarshi Das, an alumnus of Vivekananda college presently a Ph.D. Research Scholar of Burdwan University (engaged in active research work using STATA and R software) would actively assist Dr. Pampa SenGupta in this regard.

Pampa SenGupta

Dr. Pampa SenGupta
Head, Department of Economics

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Vivekananda College
Thakurpukur, Kolkata: 700063
Department of Economics

Date: 12/08/2022

To
The Principal
Vivekananda College
Thakurpukur, Kolkata
Respected Sir,

The Department of economics would offer, in collaboration with IQAC, an add on course on "Empirical Research in Economics-II: Extraction and Application of Unit Level Data for NSS and NFHS using STATA" designed by the undersigned and accepted unanimously by all of the faculty members of the Department of economics. The course will commence from 20/08/2022.

The following expenses should be incurred as mentioned below.

Sl.No.	Category		Expenses
1.	Certificates	24 students @ Rs 10/-	240
2.	Flex		260
3.	Printout		540
4.	Xerox		260
5.	Miscellaneous		200
	Total		1500

You are requested to sanction the above sum of money for conducting the add on course smoothly.

Regards

Pampa SenGupta

Dr. Pampa SenGupta
Head, Department of Economics

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Add-on Course on “Empirical Research in Economics-II: Extraction and Application of Unit Level Data for NSS and NFHS using STATA”

Rationale behind taking up the above mention add on course for the Semester 3 Honours students stems from the following:

1. The first add on course has immensely helped the students and they have already individually or jointly with their classmates have prepared and presented several research papers add the state and national levels in a number of academic institutions in and around Kolkata. But as mentioned earlier, now they should learn how to handle data using Softwares. Only then they would be able to do justice do their research work.
2. To be more precise extracting and applying National Sample Survey Data and National Family Health Survey data both at unit -level would help them deal with data at the desired level of disaggregation and would enable them pursuing further refined research work using statistical and econometric analysis using STATA are any other similar software.
3. The aspect of employability of an Honours student with the knowledge of consecutive two add-on courses would definitely be much greater compared to an Honours student devoid of such knowledge in this case.
4. It is does the prerequisite of our college in general and the department in particular to offer all the Honours student equipped with the capability of writing good research papers, another add-on course on handling unit level data of NSS and NFHS to open further broad openings in the job market in future.

Pampa SenGupta

Dr. Pampa SenGupta
Head, Department of Economics

Vivekananda College
Thakurpukur, Kolkata: 700063
 Department of Economics

Add-on Course on “Empirical Research in Economics-II: Extraction and Application of Unit Level Data for NSS and NFHS using STATA”
 Course and Teacher Plan for the Add-on Course

Topics	No. of Lecture Hours	Faculty
Unit 1: Extraction and Application of Unit-level NSS Data	17 Hours	
Module 1: Rationale behind using NSS Unit- level Data	1 Hour	PSG, PD
Module 2: Extraction of NSS Data	4 Hours	PD, SD
<ul style="list-style-type: none"> ➤ Understanding in detail <ul style="list-style-type: none"> • The Schedules • Importance of layout files • Importance of readme files Process of extraction using STATA 		
Module 3: Merging the Data	2 Hours	PD, SD
<ul style="list-style-type: none"> • Understanding Why Merging is Necessary • Applying Weight • Creating Household ID • Creating Person ID Merging 2 or More Data Sets		
Module 3: Understanding Dimensions of Study	2 Hours	PD
<ul style="list-style-type: none"> ➤ Employment, Unemployment and Outside Labour Force Statuses of Population ➤ Region, Social Group and Gender ➤ Industry and Occupation ➤ Educational levels and Training Working place and Social Security		
Module 4: Analysis of the data	4 Hours	PD
<ul style="list-style-type: none"> ➤ Creating Label and Recoding the Data ➤ Descriptive Analysis Econometric Analysis		
Module 5: Carrying Group Research Project using unit level NFHS data	3 Hours	PSG, PD
Students would be evaluated on the basis of their performance in their Group research project (presentation + viva voce)		

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Unit 2: Extraction and Application of Unit-level NFHS Data	13 Hours	
Module 1: Rationale behind using NFHS Unit- level Data	1 Hour	PSG, DM
Module 2: Data Extraction, Recoding and Merging NFHS Dataset Using STATA	4 Hours	DM, SD
<ul style="list-style-type: none"> ➤ Understanding Questionnaire and Schedule in detail ➤ Understanding and Tabulating variables and their value labels ➤ Creating, Recoding and Labelling of New Variables ➤ Extracting different levels of NFHS dataset ➤ Understand unique identifiers <ul style="list-style-type: none"> • Household ID • Individual ID. ➤ Understanding Why Merging of Dataset is necessary ➤ Merging Dataset Applying Weights		
Module 3: Understanding Dimensions of Study	2 Hours	DM
<ul style="list-style-type: none"> ➤ Maternal and Child Health ➤ Reproductive Health ➤ Nutrition ➤ Socioeconomic Status ➤ Demographic Characteristics ➤ Educational Attainment Healthcare Utilization		
Module 4: Analysis of the data	3 Hours	DM
<ul style="list-style-type: none"> ➤ Descriptive Analysis ➤ Econometric Analysis 		
Module 5: Carrying Group Research Project using unit level NFHS data	3 Hours	PSG, DM
Students would be evaluated on the basis of their performance in their Group research project (presentation + viva voce)		
PSG: Pampa SenGupta, PD: Priyanka Das, DM: Dipsa Midya, SD= Saptarshi Das		