

Academic Session 2015-16
Monthly Syllabus

Month	Indian Economics	Statistics
April/May	<ul style="list-style-type: none"> ○ Brief introduction of the state of Indian economy on the eve of independence 	<ul style="list-style-type: none"> ○ Meaning, Scope and importance of Statistics in Economics ○ Collection of data <ul style="list-style-type: none"> • Primary vs. secondary data • Census vs. sampling method • Concept of sampling methods ○ Organization of data <ul style="list-style-type: none"> • Formation of series: individual, discrete, continuous • Frequency distribution • Preparation of questionnaire
July	<ul style="list-style-type: none"> ○ Development policies and experience(1947-1990) <ul style="list-style-type: none"> • Common goals of five year plans • Main features , problems and policies of agriculture, industry and foreign trade • Project : As per CBSE guidelines 	<ul style="list-style-type: none"> ○ Presentation of data <ul style="list-style-type: none"> • Frequency curve • Histograms • Polygon and Ogives • Bar diagrams <ul style="list-style-type: none"> • Pie charts • Time series graphs • Tables
August	<ul style="list-style-type: none"> ○ Inflation ○ Economic Reforms since 1991 <ul style="list-style-type: none"> • Need and main features(Liberalization, Privatization and Globalization) • An appraisal of LPG policies • 	<ul style="list-style-type: none"> ○ Index Numbers ○ Condensation of data <ul style="list-style-type: none"> • Measures of central tendency (Mean, Median and Partition values)
September	<ul style="list-style-type: none"> ○ Current challenges facing Indian Economy <ul style="list-style-type: none"> • Poverty • Employment • Rural development 	<ul style="list-style-type: none"> ○ Measures of central tendency (Mode)
October	<ul style="list-style-type: none"> • Human capital formation 	<ul style="list-style-type: none"> ○ Measures of dispersion <ul style="list-style-type: none"> • Range, Inter quartile range, Mean deviation, Quartile deviation
November	<ul style="list-style-type: none"> • Infrastructure – health and energy. 	<ul style="list-style-type: none"> • Standard deviation, Coefficient of variation • Meaning, construction and application of Lorenz Curve

December	<ul style="list-style-type: none"> • Environment and sustainable development • Development experience...allotment of different countries to the students for research on comparative study with India 	<ul style="list-style-type: none"> ○ Correlation • Scatter diagram • Karl Pearson's coefficient of correlation • Spearman's coefficient of rank correlation • Spearman's coefficient of rank correlation • Mathematical functions and slopes
January	<ul style="list-style-type: none"> • Development experience of India - a comparison with neighbours... (to be done as a project) • Government Budget 	<ul style="list-style-type: none"> • Submission of project as per CBSE guidelines • OTBA
February	<ul style="list-style-type: none"> • Revision 	<ul style="list-style-type: none"> • Revision

Reference Books: Introduction to Indian Economy NCERT
Statistics for Economics Saraswati Publications

Other handouts, reference articles to be given periodically

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