

মিটিং-এর ক্রমিক সংখ্যা 29
মিটিং-এর স্থান :

মিটিং-এর তারিখ : 4/07/2018
মিটিং-এর সময় :

উপস্থিত সভ্যগণের নাম

১।	Swapan Kumar Mishra	৮।	Agenda:
২।	Itami Banerji Chatterjee	৯।	① Routine
৩।	Mithu Roy	১০।	② Syllabus Allocation
৪।	Sujoy Das	১১।	③ Miscellaneous
৫।	Sankar Sasmal	১২।	
৬।	Soumitra Bhunia	১৩।	
৭।		১৪।	

রেজল্যুশন

1. Routine
2. Syllabus Allocation
3. Miscellaneous

Principal Mr. Swapan Mishra took the chair and following resolutions are made.

①. Routine.

This year (academic session 2018-19) has two years CBCS (Sem I & Sem II) and one year of 3 tier (3rd yr). So, new syllabus introduced for all three years to the teachers and divided accordingly.

②. Syllabus allocation.

The routine was reviewed and new routine formed. ~~with~~ ~~the~~ Teachers are to take 1 hr class. ~~for~~ ~~the~~ classes are thus distributed as
IBC & MR - 18 classes/wk
SB, SD & SS - 11 classes/wk.

According to the above mentioned decision taken, routine are adjusted.

③. Miscellaneous.

- Library log book and instrument log book are checked and updated.
- Cultural subcommittee formed with SB taking the charge of wall magazine, SD taking the charge of

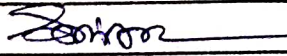
freshers welcome and quiz and debate.
MR taking charge of Prize distribution
and IBC if SS taking charge of the
cultural events.

- A disaster report (weekly) is to be published in every week by IBC to encourage students about the various natural disasters taking place around us.
 - Instrument ~~order~~ requisition made to the principal.
 - Stocks checked and invoice file checked.
 - Department plans to make an event (geographical) diary whereby at least two-three geography news/articles in eminent magazines to be published in the notice board for students.
 - RP to join in ~~oct~~ september, 2018. classes are arranged in the routine for her which are decided to be taken by her as soon as she joins.
 - Day change for teachers are made accordingly.
- IBC - Mon, Tues, Wed, Thurs, Fri
MR - Tues, Wed, Thurs, Fri, Sat
SB - Mon, Fri, Sat
SD - Mon, Tues, Wed
SS - Wed, Thurs, Fri
RP (to join from Sep end) - Thurs, Fri, Sat.
- Parents teachers meeting called.
 - Field responsibility - SD
Excursion responsibility - MR.

The meeting concludes with
thanksgiving by IBC.

Ikani Banerji Chatterji
- HOD.

Department of Geography
Mugbera Gangadhar Mahavidyalaya


Principal
Mugbera Gangadhar Mahavidyalaya

মিটিং রেজল্যুশন বই

গ্রাম উন্নয়ন কমিটি / সমিতি
মাতা কমিটি / সমিতি

মিটিং-এর ক্রমিক সংখ্যা 30

মিটিং-এর তারিখ : 04.02.2019.

মিটিং-এর স্থান :

মিটিং-এর সময় :

উপস্থিত সভ্যগণের নাম

উপস্থিত সভ্যগণের নাম	
১।	Trani Banerji Chatterjee
২।	Mithun Das
৩।	Soumitra Das
৪।	Rita Ghosh
৫।	Sujay Das
৬।	Soumitra Ghosh
৭।	

Agendas:

৮।	① Syllabus Allocation CBCS for Sem II & IV
৯।	② Miscellaneous

রেজল্যুশন

After taking permission from all the members of the meeting, the meeting starts with the following resolutions —

① Syllabus Allocation

The CBCS syllabus for Semester II and IV is distributed among the faculty members and the classes allotted to them are mentioned alongwith.

② Miscellaneous

In this agenda, the following points are raised and resolved alongwith —

- It is decided that the books in the sample library, so long were not given to the ~~students~~ ^{students} which, from onwards, will be given to the students but for reading inside the class.

~~Three students from~~

- Three students (two from 2nd yr and one from 1st yr) are seen to have irregular attendance in

the last semester. They are ^{to be} warned and if any further absent or irregularities occur, they will be sent to the principal for further action.


- Chadpuri had been selected as the field spot and Sujay ~~Das~~ Das as the field supervisor. Mr ~~Das~~ Das has decided to visit the field along with some of the students of Part III for pre field survey.

- Milton Roy is selected as excursion supervisor and the excursion spot was selected as Gowhati Shillong. Mr. Roy submitted all relevant papers to the dept. The date for journey is scheduled on
 It has been decided that the students will start from Madhakhali and reach Kolkata by pm since the train time is pm . The date for return is pm . We wish him all the best. ~~for~~ ~~the~~

with thanking the HOD concluded the meeting.

Iraji Banerji Chatterjee

H.O.D
Department of Geography
Mughera Gangadhar Mahavidyalaya


Principal
Mughera Gangadhar Mahavidyalaya

2018 July

**PART I: SEMESTER I: CBCS
SYLLABUS ALLOCATION, 2018**

Number of classes allotted are provided in circles

	CORE T1 130	CORE T2 95	CORE PRACTICAL 65
IBC	<ul style="list-style-type: none"> Geological Time Scale (20) Karst Coastal 	<ul style="list-style-type: none"> Maps: classification and types Components of Map Concept of Generating Globe: Grid, Angular, Linear system of measurement (35) Map Projection: Classification, Properties, Uses Significance of UTM 	<ul style="list-style-type: none"> Construction of Projections: <ul style="list-style-type: none"> Polar Zenithal Stereographic Simple Conic with Two Standard Parallel Bonnes Cylindrical Equal Area (20) Mercators
MR	<ul style="list-style-type: none"> Transportation, Deposition by Geomorphic Process (30) Glacial Aeolian 	<ul style="list-style-type: none"> Co ordinate system: Polar and Rectangular Concept of Geoid and Spheroid (15) Clinometer 	<ul style="list-style-type: none"> Construction and Interpretation of Relief Profiles: <ul style="list-style-type: none"> Superimposed Projected (20) Composite Transect Chart
SB	<ul style="list-style-type: none"> Fold and Fault Development of River network and landform on Uniclinal and Folded structure (30) Weathering and Mass Wasting 	<ul style="list-style-type: none"> Concept of Surveying: Dumpy Level and Theodolite Abney Level (10) 	<ul style="list-style-type: none"> Delineation of Drainage Basin from Survey of India Toposheet and interpretation of the same Stream Ordering: Strahler (7)
SD	<ul style="list-style-type: none"> Landforms on Igneous rocks with special reference to Granite and Basalt (25) Davis, Penck, Hack and King 	<ul style="list-style-type: none"> Bearing: Magnetic, True, Whole Circle and Reduced (15) 	<ul style="list-style-type: none"> New Series Toposheet Construction and Interpretation of Relief features Morphometric Analysis: Relative Relief and Average Slope (7)
SS	<ul style="list-style-type: none"> Interior of the Earth Isostasy: Pratt, Airy (25) Plate Tectonic 	<ul style="list-style-type: none"> Concept and Application of Scale: Plain, Comparative, Diagonal, (15) 	<ul style="list-style-type: none"> Graphical Construction of Scales: <ul style="list-style-type: none"> Plain Comparative (7) Diagonal
RP		<ul style="list-style-type: none"> Vernier (5) 	<ul style="list-style-type: none"> Vernier scale Construction (4)

PART II: SEMESTER III
CBCS SYLLABUS ALLOCATION 2018

	CORE 5T: CLIMATOLOGY 120	CORE 6T: STATISTICAL METHODS 80	CORE 6P: STATISTICAL METHODS PRACTICAL 50	CORE 7T: GEOGRAPHY OF INDIA 120
IBC	<ul style="list-style-type: none"> • Circulation in the Atmosphere: <ul style="list-style-type: none"> ➤ Planetary Winds ➤ Jet Stream ➤ Index Cycle • Monsoon Circulation and Mechanism with reference to India <p align="right">(30)</p>	<ul style="list-style-type: none"> • Association and Correlation: <ul style="list-style-type: none"> ➤ Rank Correlation ➤ Product moment relation • Regression: <ul style="list-style-type: none"> ➤ Linear ➤ Non linear • Time Series Analysis: Moving Average <p align="right">(25)</p>	<ul style="list-style-type: none"> • Construction of Data Matrix with each row representing an aerial unit (district/ block/ mouza/ towns) and corresponding columns of relevant attributes <p align="right">(5)</p>	<ul style="list-style-type: none"> • India: Tectonic and Stratigraphic positions, physiographic divisions • India: Regionalisation of India: Physiographic (R.L.Singh), Socio cultural (Sopher) and Economics (Sengupta) <p align="right">(20)</p>
MR	<ul style="list-style-type: none"> • Weather: <ul style="list-style-type: none"> ➤ Stability and Instability ➤ Barotropic and Baroclinic conditions • Climatic Classification: <ul style="list-style-type: none"> ➤ Koppen ➤ Thornthwaite ➤ Oliver <p align="right">(20)</p>	<ul style="list-style-type: none"> • Central Tendency: <ul style="list-style-type: none"> ➤ Mean ➤ Median ➤ Mode • Partition Values <p align="right">(15)</p>	<ul style="list-style-type: none"> • Based on the above, a frequency table, measures of central tendency and dispersion would be computed and interpreted <p align="right">(15)</p>	<ul style="list-style-type: none"> • India: Climate, Soil and Natural Vegetation: Characteristics and Classification • India: Agricultural Regions • India: Green Revolution and its consequences. <p align="right">(20)</p>
SB	<ul style="list-style-type: none"> • Nature, Composition and Layering of the Atmosphere • Insolation: <ul style="list-style-type: none"> ➤ Controlling Factor ➤ Heat Budget • Temperature: <ul style="list-style-type: none"> ➤ Horizontal and Vertical Distribution ➤ Inversion: Type, Causes, Consequences <p align="right">(20)</p>	<ul style="list-style-type: none"> • Measures of Dispersion: <ul style="list-style-type: none"> ➤ Range ➤ Mean Deviation ➤ Standard Deviation ➤ Coefficient of Variation <p align="right">(12)</p>	<ul style="list-style-type: none"> • Based on one of the sample set and using two relevant attributes, a scatter diagram and regression line would be plotted and residual from regression would be mapped with a short interpretation <p align="right">(10)</p>	<ul style="list-style-type: none"> • India: Population: Distribution, Growth, Structure, Policy • India: Distribution of population by Race, Caste, Religion, Language, Tribes and their correlates. <p align="right">(19)</p>

PART II: SEMESTER III
CBCS SYLLABUS ALLOCATION 2018

SD	<ul style="list-style-type: none"> • Fronts: <ul style="list-style-type: none"> ➤ Warm and Cold ➤ Frontogenesis and Frontolysis • Tropical and Mid latitude cyclone <p align="right">(20)</p>	<ul style="list-style-type: none"> • Collection of Data and Formation of Statistical Tables • Theoretical Distribution: <ul style="list-style-type: none"> ➤ Frequency ➤ Cumulative Frequency ➤ Normal ➤ Probability <p align="right">(12)</p>	<ul style="list-style-type: none"> • Histograms and Frequency curve would be prepared from the dataset <p align="right">(10)</p>	<ul style="list-style-type: none"> • West Bengal: Physical perspective: physiographic division, forest and water resources • West Bengal: Regional Problems: Darjeeling hills, Jungle Mahal and Sunderbans. <p align="right">(19)</p>
SS	<ul style="list-style-type: none"> • Condensation: <ul style="list-style-type: none"> ➤ Process and Forms • Precipitation: Forms, Bergeron-Findeisen, Collision- Coalescence • Air Mass: Typology, Origin, Characteristics and Modification <p align="right">(20)</p>	<ul style="list-style-type: none"> • Discrete and Continuous data • Population and Samples • Scales of Measurement: Nominal, Ordinal, Interval, Ratio • Sampling: Need, Type, Significance and Methods of Random Sampling <p align="right">(12)</p>	<ul style="list-style-type: none"> • From the data matrix, a sample set (20%) would be drawn using random, systematic and stratified methods of sampling and locate the samples on a map with a short note on methods used. <p align="right">(10)</p>	<ul style="list-style-type: none"> • India: Mineral and Power resources: distribution and utilisation of iron ore, coal, petroleum and Natural gas • India: Industrial Development: Automobile and Information technology • West Bengal: Resources: Mining, Agriculture and Industries <p align="right">(19)</p>
RP		<ul style="list-style-type: none"> • Importance and Significance of Statistics In Geography <p align="right">(4)</p>		<ul style="list-style-type: none"> • West Bengal: Population: Growth, Distribution and Human Development <p align="right">(5)</p>

120

80

PART II: SEM III
SKILL ENHANCEMENT COURSE
Syllabus Allocation, 2018

40 class

IBC	<ul style="list-style-type: none">• Coastal Hazards and their Management using structural and non structural measures:<ul style="list-style-type: none">➤ Erosion➤ flood, sand encroachment➤ dune degeneration➤ estuarine sedimentation and pollution• Principals of Coastal zone management• Exclusive Economic Zone and Coastal Regulation Zone with reference to India.	(20)
SB	<ul style="list-style-type: none">• Components of Coastal Zone• Coastal Morphodynamic variables and their role in evolution of coastal forms• Environmental impacts and management:<ul style="list-style-type: none">➤ Mining➤ oil exploration➤ salt manufacturing➤ land reclamation➤ tourism	(20)

PART III, 2018-19

III(H)	POPULATION, SETTLEMENT, REGIONAL PLANNING, REMOTE SENSING AND GIS	CARTOGRAPHIC TECHNIQUES IN GEOGRAPHY	MODERN TECHNIQUES IN GEOGRAPHY, REMOTE SENSING AND GIS
IBC	<p><u>POPULATION GEOGRAPHY II</u></p> <ul style="list-style-type: none"> • Critical analysis of overpopulation, optimum population and under population, • Demographic Transition Model • Migration: Types, pattern, streams and consequences on place of destination and origin. • Fertility and Mortality: Concept, determinants, different measures and interregional variation in India. • Concept of HDI and GDI. • Population policy in India and china, population Resource relationships. Population Resource regions (Ackermann model). 	<p><u>WEATHER MAP</u></p> <ul style="list-style-type: none"> • Pre-Monsoon, Monsoon, Post Monsoon <ul style="list-style-type: none"> ➤ Pressure ➤ Wind ➤ Cloud ➤ Rainfall ➤ Identification 	<p><u>STATISTICS</u></p> <ul style="list-style-type: none"> • Data: Classification, collection, tabulation • Concept of Sampling • Frequency Distribution: Graphical representation of Histogram, Frequency Polygon, Curve and Ogive • Measures of Central Tendency: Mean, Median, Mode • Skewness • Characteristics of Normal Distribution, Partition Values: Quartile, Decile, Percentile • Measures of Dispersion and Variability: Range, Quartile Deviation, Mean Deviation, Standard Deviation, Coefficient of Variation • Simple Correlation and Regression of Bi variate data: Scatter diagram, Least square best fit • Correlation- Coefficient: Product moment, Rank correlation
MR	<p><u>REGION, REGIONAL PLANNING AND DEVELOPMENT</u></p> <ul style="list-style-type: none"> • Concept of region and regionalization in geography, types of region: Formal, functional and planning region and methods of their delineation, Hierarchy of regions: Macro, meso and micro regions with suitable examples. • Regional planning: Concept, principle, types and role in regional development. Schemes of 	<p><u>TOPOGRAPHICAL MAP</u></p> <ul style="list-style-type: none"> • Plateau and Plain Regions <ul style="list-style-type: none"> ➤ Characteristics of topographical maps (numbering system and scale) ➤ Construction of Profiles: Superimposed, Projected, Composite ➤ Drawing of Representative 	<p><u>FIELD REPORT</u></p>

	<p>regionalization in India. V. Nath (1964), P. Sengupta (1972).</p> <ul style="list-style-type: none"> • Planning: Types and hierarchy. Objectives of physical, economic and environmental planning. • Concept and purpose of rural and urban planning centralized and decentralized planning with special reference to Panchayat Raj. 	<p>profiles, Broad Physiographic divisions</p> <ul style="list-style-type: none"> ➤ General Interpretation 	
SB	<p>POPULATION GEOGRAPHY I</p> <ul style="list-style-type: none"> • Definition, scope and content of population geography, Basic sources of population data. Difference between population geography and demography • Measures of population density. Population growth: Concept, type changing trend. Spatial variation in developed and developing countries. • Population Composition in India: Sex ratio and its determinants, rural urban and caste composition. • Age Composition and its different structures of Age-Sex pyramid found in developed countries and their significance. 	<p>ANALYSIS OF CLIMATIC DATA</p> <ul style="list-style-type: none"> • Weather instruments reading: <ul style="list-style-type: none"> ➤ Barometer ➤ Hygrometer • Laboratory Work and Preparation of Survey Schedule <ul style="list-style-type: none"> ➤ Analysis of Soil texture (Sieve) ➤ Determination of soil pH by soil kit ➤ Preparation of survey schedule and collection of Primary data (20 Household units) 	<p>STATISTICS AND CONTEMPORARY</p> <ul style="list-style-type: none"> • Rank-Size Rule • Crop Combination (Weaver) • Nearest neighbor Analysis • Location Quotient • Lorenz Curve • Gini Coefficient
SD	<p>INTRODUCTION TO SETTLEMENT GEOGRAPHY</p> <ul style="list-style-type: none"> • Settlement: General definition evolution of settlement, site and situation. Concept of settlement systems. Rural settlement: Type and pattern, factors affecting settlement pattern. • Urban settlement: Definition, size class distribution and census category. • Urban Morphology: Concentric Zone, Sector model, Multiple Nuclei Theory. Urban functional classification of urban centers (C.D. 	<p>MORPHOMETRIC ANALYSIS</p> <ul style="list-style-type: none"> • Interpretation of relief <ul style="list-style-type: none"> ➤ Amplitude of relief: Average slope (Wentworth) and Ruggedness Index ➤ Drainage: Drainage density, Stream Ordering and Bifurcation Ratio after Strahler ➤ Vegetation Characteristics: Morphometric techniques (spatial 	<p>FIELD REPORT</p>

	Harris, Nelson)	<p>unit would be 1sq km)</p> <ul style="list-style-type: none"> ➤ Interpretation of Settlement: types and patterns ➤ Transportation system: density, shortest path analysis (Shimbel Index) 	
	<p>REMOTE SENSING AND GIS</p> <ul style="list-style-type: none"> • Remote Sensing: Definition stages and its importance in geographical studies. • Sources of energy, EMR spectrum (short wave to long wave bands), energy interaction with the atmosphere (scattering atmospheric window). Energy interactions with the earth source features (spectral signature). • Satellite, sensor and its function, satellite platforms (ground space), Geostationary and Sun synchronous satellites, Concept of resolution (spatial, spectral, radiometric and temporal resolution). • Geographic Information System (GIS): Definition, Scope, Concept of map layers in GIS, data features of GIS: Points, Lines and Polygon (area). Data structures in GIS, data Base Management System (DBMS) 	<p>CARTOGRAMS USING M.S EXCEL</p> <ul style="list-style-type: none"> • Linear Diagrams: Simple, Comparative, Composite • Age Sex Pyramid (Graphical Methods only) • Proportional Diagrams: Square and Pie • Climograph • Hythergraph • Ergograph • Rainfall Dispersion Diagram 	<p>SATELLITE IMEGARY AND GPS TRACKING</p> <ul style="list-style-type: none"> • Reference scheme of IRS satellite data: L3 and L4 Images. Procedure of indenting • Visual Interpretation of satellite Images • Change detection from satellite Images and maps using visual techniques • Principles of GPS: reading at survey points and graphical plotting <p>FIELD REPORT HELP</p>
RP		<p>TOPOGRAPHICAL MAPS</p> <ul style="list-style-type: none"> • Relation between physical and cultural elements 	<ul style="list-style-type: none"> • Time Series Analysis: Moving Average and Regression