GEOGRAPHY DEPARTMENTAL INFORMATION

MODERN COLLEGE, IMPHAL-EAST

Submitted by:
Geography Department,
Modern College, Imphal.

Submitted to:
SirawungRaiping,
Assistant Professor,
Nodal Officer(IT), Modern College, Imphal.

DEPARTMENT OF GEOGRAPHY, MODERN COLLEGE
IMPHAL-EAST, MANIPUR-795005

A. FACULTY BIODATA (DEPARTMENT OF GEOGRAPHY)

1. Personal Profile:

Full Name	: ***ELANHBAM ANJUSHREE DEVI*** **(HOD, In-Charge)**
Designation	: Assistant Professor
Date of Birth	: 12-03-1969
Date of Service join	: 11-05-2016
Subject	: Geography
Area of Interest	: Agricultural Geography
Qualification	: M.A., M.Phil.
E-mail	: anjushreedevi69@gmail.com
Contact/Phone	: 8794642779

2. Personal Profile:

Full Name	: ***NINGOMBAM BABITA CHANU***
Designation	: Assistant Professor
Date of Birth	: 11-01-1969
Date of Service join	: 10-05-2016
Subject	: Geography
Area of Interest	: Geomorphology
Qualification	: M.Sc., M.Phil
E-mail	: ningombambabita3@gmail.com
Contact/Phone	: 8014235722

3. Personal Profile:

Full Name	: ***DR. LH. SEITINTHANG***
Designation	: Assistant Professor
Date of Birth	: 02-03-1988
Date of Service join	: 21-02-2018
Subject	: Geography
Area of Interest	: Physical Geography, Environmental Geography, Agricultural Geography
Qualification	: M.A., Ph.D
E-mail	: seitinthang123@gmail.com
Contact/Phone	: 8732069246

4. Personal Profile:

Full Name	**: *TUMTIN SONMANG KOREN***
Designation	: Assistant Professor
Date of Birth	: 02-03-1988
Date of Service join	: 22-02-2018
Subject	: Geography
Area of Interest	: Human Geography
Qualification	: M.Sc., B.Ed. (UGC-NET-JRF)
E-mail	: sonmangkoren74@gmail.com
Contact/Phone	: 7085112056

5. Personal Profile:

Full Name	: ***M. THANGGIMANG HAOKIP***
Designation	: Assistant Professor
Date of Birth	: 01-01-1990
Date of Service join	: 11-05-2018
Subject	: Geography
Area of Interest	: Human Geography
Qualification	: M.A., B.Ed. (UGC-NET-JRF),
E-mail	: tonimak13@gmail.com
Contact/Phone	: 841303630

B. EVALUATIVE REPORT

General Report:

Geography department presently consists of five faculty members and one lab attendant. Total students enrolled in the department as on 16th January, 2021 is about 700 students. Fresh student enrolment in the department is usually the highest among all departments of the college. This enrolment comprises of fresher from both science and arts streams. About 60 per cent of the total enrolled students opted geography as their honours subject at 5th semester onwards. Pass percentage of the department ranges from 60-75 per cent. Out of this, 10-30 per cent usually scores first division, 45-60 per cent second division and remaining third division and yet to pass respectively. Unit test in the form of MCQ is conducted for first semester at the end of every unit. At 5th semester, teachers facilitate presentation or classroom seminar on different topics related to their course contain.

Accordingly, student performance is assessed internally. Field trip and study tour are organised at the interest of students as envisaged in the subject curriculum. These activities help develop learner's skills by applying theoretical knowledge into field work experience that triggers research enthusiasm and thereby equipped them with research capability, which is the basic foundation of any disciplinary discourse.

Academic Activity:

Faculty members spent their extracurricular activities by participating in various academic endeavours like orientation, refresher course and symposium or seminars at national or international levels under the sponsorship of different agencies or organization. Authoring books and writing articles for journal and participating in editorial board for college annual magazine, as invitees of panel discussion in local TV channel are some outside-the-class activities.

Student activities in the Department:

Student activities in the class revolve around learning through classroom lectures and attending outdoor practical class in the college campus. Learning aids like smart board, computer, projector and power point presentation are more or less unavailable or inadequate. This may hamper efficient transaction of content and thereby miss the learning objectives and reduced learning outcome. Therefore, adequate illustration is not possible due to want of appropriate ICT. Student attendance in the class differs from time to time. It may be as less as 10% and as much as 85%. In an average, student attendance is about 50-60 %. The classroom has a capacity of 200 students, which is not sufficient especially for first and second year students who are yet to choose their honour subject. Lack of proper laboratory room is a big hurdle for proper conduct of practical class hence affects teaching-learning process.

Table: 1. ***Student's performance of Geography (Hons) in the last five years are illustrated as below:-***

	Year (s)					**Total**
	2016	2017	2018	2019	2020	
No. of Students Appeared	101	154	103	85	101	**544**
No. of students Passed	49	96	69	57	64	**335**
Passed Percentage	48.51	62.33	67	67.05	63.36	**61.58**

*In the last five year department record a passed percentage of 60.84

Table: 2. Divisional break up of student's performance for the last 5 (five) year:-

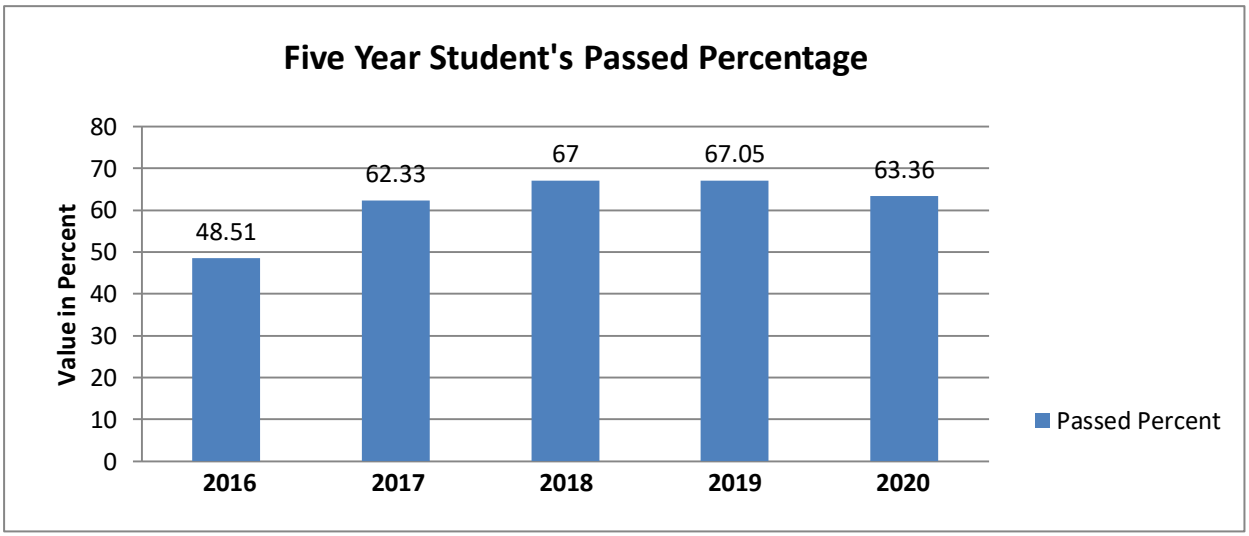
	Year(s)					Total
	2016	2017	2018	2019	2020	
No. of Students Appeared	101	154	103	85	101	**544**
No. of students Passed	49	96	69	57	64	**335**
No. of First Division BA/BSc	05	19	18	17	32	**91**
No. of II Division BA/BSc	42	77	51	40	32	**242**
No. of Simple Passed BA/BSc	02	0	0	0	0	**02**
Passed Percentage	48.51	62.33	67	67.05	63.36	**61.58**

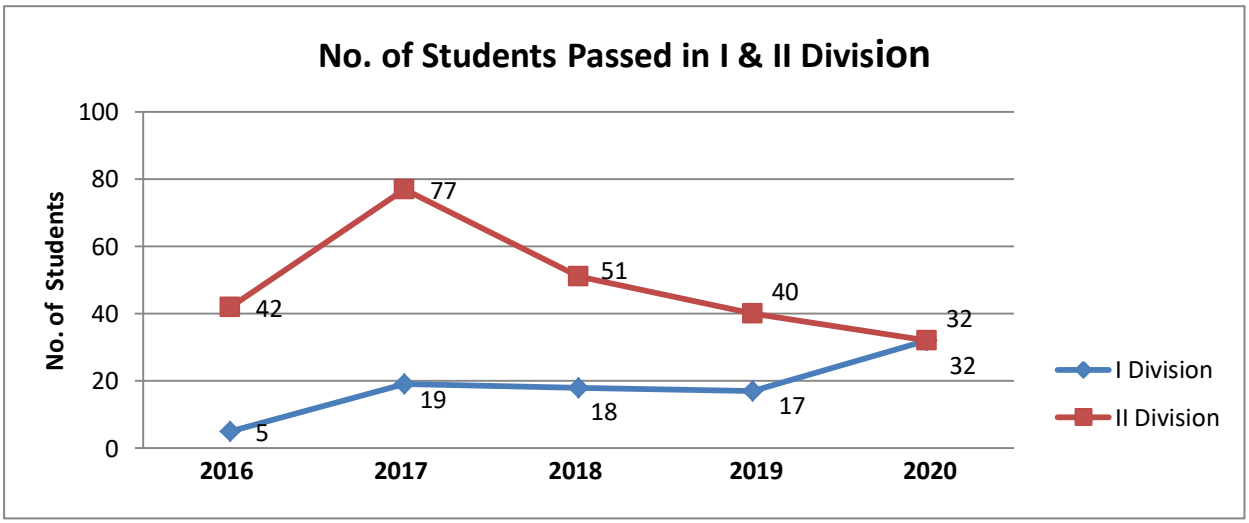
*In 2018, the department student score 10th position in overall Manipur University Degree exam.

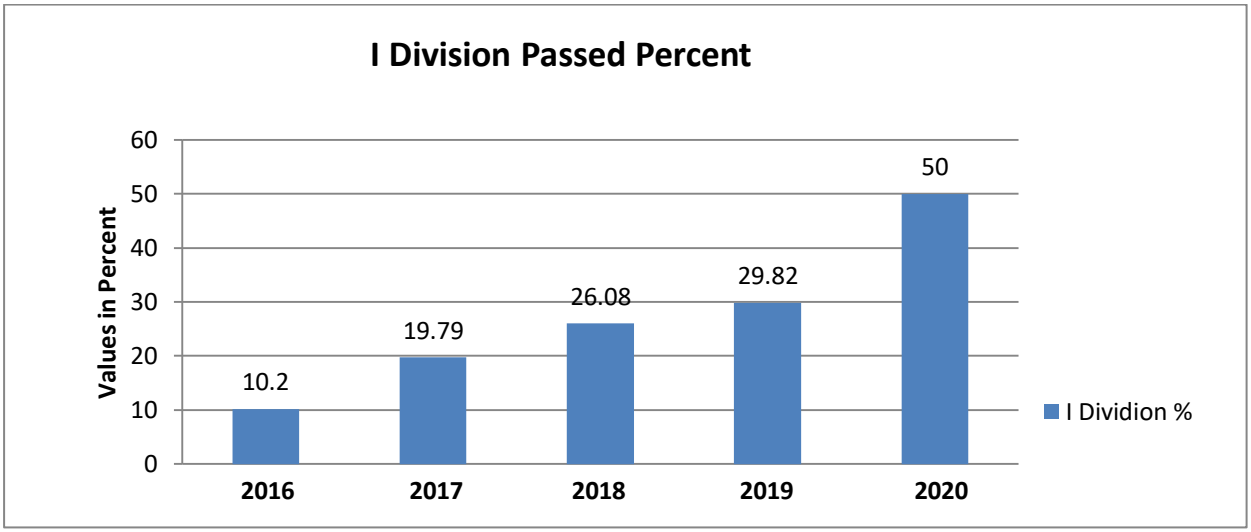
Details of the students:

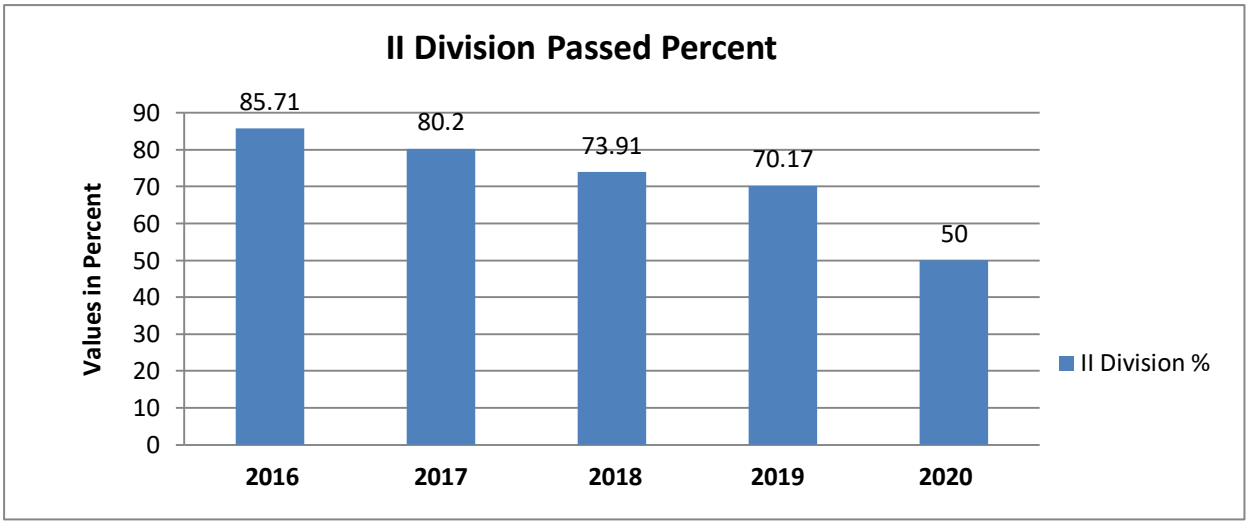
Name: Ningthoukhongjam Channu Leima
D/o. Ningthoukhongjam Tombi Meetei
Hojai, Assam, India
M.U. Roll No: 5101343

Photo: Ningthoukhongjam Channu Leima


Five Year Student's Passed Percentage
Value in Percent
80
70
60
50
40
30
20
10
0
48.51
62.33
67
67.05
63.36
2016
2017
2018
2019
2020
Passed Percent


No. of Students Passed in I & II Division
No. of Students
100
80
60
40
20
0
42
77
51
40
32
5
19
18
17
32
2016
2017
2018
2019
2020
I Division
II Division


I Division Passed Percent
Values in Percent
60
50
40
30
20
10
0
10.2
19.79
26.08
29.82
50
2016
2017
2018
2019
2020
I Dividion %


II Division Passed Percent
Values in Percent
90
80
70
60
50
40
30
20
10
0
85.71
80.2
73.91
70.17
50
2016
2017
2018
2019
2020
II Division %


CONGRATULATION
B.A / B.SC 6th SEMESTER EXAMINATION GEOGRAPHY (HONS) 2020
B.A (HONS FIRST DIVISION)
B. SC. (HONS FIRST DIVISION)
BEST WISHES FROM THE DEPARTMENT OF GEOGRAPHY MODERN COLLEGE, IMPHAL EAST MANIPUR


CONGRATULATION
B.A/B. Sc. 6th Semester Examination - Geography (Hons) 2019
Best wishes from the Department of Geography Modern College · Purompat, Imphal East Manipur · 795005
Sucessful Students in First Division - B.Sc. (Science) Hons.
Sucessful Students in First Division - B.A. (Arts) Hons.
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- **As part of encouraging department student, first division and University's rank holder among the passing out students are congratulated and gave best wishes message from the department by printing their photo as shown above.**

C. INFRASTRUCTURE:

The department has utilised 3 (three) well-furnished room. 1 (one) room is used as staffs room and remaining 2 (two) room as a lecture room. One of the lecture rooms is installed with smart board for effective digital mode of class room teaching-learning process. The department owned 5 (five) steel almirah and 4 (four) wooden almirah for storing valuable practical equipment and department related files and records. The staff room has 6 (six) desk and 6 (six) chair means for faculty and office attendance. 3 (three) white board served the requirement of the class room teaching-learning-processes. Department maintain 60+ geography textbooks and reference books that served as mini library for both the faculty and students.

The details list of materials and equipment that the department has for practical are mentioned below:

1. Aerial photograph 10 in number.
2. Weather maps 20 in number.
3. Toposheet 25 n number.
4. Square set 02 in number.
5. Dumpy Level 01
6. Theodolite 02, Analogue (01), Digital (01)
7. Glass Drawing Box 02 in number.
8. Alidade 03 in number.
9. Tape 03 in number.
10. Chain 03 in number.
11. Telescope 01
12. Globe 02
13. 3D continental maps 04 in number.

14. Continental paper maps 03 in number.
15. Stone Box 03 in number.
16. Mineral Box 03 in number.

D. LABORATORY:

There is no separate laboratory in the department. Instead, the department has a practical room installed with smart board to conduct all indoor base practical activities likes sketching/drawing, analysis, theoretical explanation, etc. due to lack of room, the room is used to store outdoor practical equipment.

E. ACTIVITIES:

For effective learning, department adopted various activities to energize students inside the classroom. Students were inculcating to involve in such activities to understand their learning level. Open-ended questions are posed after every lecture base on the day's topic and ask students to come up with their best answer. Real-time reactions from the students is encouraged which help them to spot trends and consider new points of view. The evaluative technique like chain notes, brain writing, etc. are adopted to test the learner's knowledge and stage of understanding. Sometime depending upon the topic students were asked to prepare concept mapping for their better comprehends on the issues they learned.

F. PROJECTS:

Besides, certain outreach activities conduct by the NCC Cadets, NSS and Youth Red Cross Volunteers, there is no internships system in a college as a whole. As a project, department organised field trip or study tour for final year or 6^{th} semester students by taking them in the particular places or village for survey. Base on the data collected during the trip, students were asks to prepared survey report book to be submitted to the department. The report is made compulsory for every student. This provides chances for students to interact with the local or villagers from different work of life which gives them hands on knowledge in the field of geography. Students were asked to collects data on socio-economic conditions and geographical aspects of the place and people.

G. NOTIFICATIONS:

Through head of department, notification is served well in advance for every events and programmes. As a reminder, both teachers and students are notifying for all the upcoming academic related activities for a collective response. For instance, events likes seminar, quiz, debate, class test, etc. were notified well in advance for necessary preparation among the students. Notification is served to all the students mentioning information like date and timing specifically for those of instrument's based practical

classes which to be conducts outdoor. Besides this, date and month for field trip or study tour is communicated by notification. In the same fashioned, staff/faculty meeting is also communicated by noticed.

H. FACULTY EMPOWERMENT:

E. Anjushree Devi

1. 34th Orientation Programme from 28th March to 27th April, 2018. Organized by Human Resource Development Centre, Manipur University, sponsored by University Grants Commission.
2. Interdisciplinary Refresher Course on Earth Sciences and Geography from 14th to 26th October, 2019.Organised by Human Resource Development Centre, Manipur University, sponsored by University Grants Commission.

Ningombam Babita Chanu

1. 36th Orientation Programme from 6th February to 7th March, 2019, organized by Human Resource Development Centre, Manipur University, sponsored by University Grants Commission.
2. Motivation and Leadership Techniques for Government College Teachers, Neuro Linguistics Programming: Mind Dynamics and Personal Excellent in Education, organized by the Directorate of University and Higher Education, Government of Manipur in collaboration with D.M. College of Commerce held from1st to 3rd August, 2016.

Dr. Lh. Seitinthang

1. Faculty Development Programme on Open, Distance and Online Learning" Emerging New Realities: Bridging the Gap of Regular and ODL Mode" organised by Institute of Distance Education, RGU & Staff Training and Research Institute of Distance Education (STRIDE), IGNOU. Held on 28th July to 1st August 2020.
2. International Certified Career Coach Program (Foundation Level-1), organised by Career Development Alliance (CDA), USA and Mindler on August 29-30, 2020.

Tumtin Sonmang Koren

1. Interdisciplinary Refresher Course on Earth Sciences and Geography from 14th to 26th October, 2019. Organized by Human Resource Development Centre, Manipur University, sponsored by University Grants Commission.

M. Thanggimang Haokip

1. 30th Orientation Course (Online) held from 28th July to 17th August, 2020. Organised by Human Resource Development Centre, Mizoram University.Sponsored by the University Grants Commission.
2. One Week Online Faculty Development Programme on LaTex, from 29th June to 3rd July, 2020 conducted by the Department of Information Technology, Mizoram University in association with Spoken Tutorial Project, IIT Bombay under PanditMadan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD Govt. of India.

3. Interdisciplinary Refresher Course on Earth Sciences and Geography from 14th to 26th October, 2019. Organized by University Grants Commission- Human Resource Development Centre (HRDC), Manipur University.

I. CURRICULUM:

The department is adopting the curriculum prescribes by the Manipur University. It is a subject-centred as well as learned-centred in nature. Geography as a practical subject, curriculum is designed based on different approaches under NCF, 2005. It gives chances for both students and teacher to enriched knowledge beyond textbook. Curriculum is focus on holistic development and constructive as well. Practical class enhance student's skill of drawing/sketching and handling others practical equipment. The needs of degree students who wanted to take up geography as a subject are compiled into single syllabus. The standards and contents are satisfied as it included all important topic or lesson to be learned by degree students. The prescribe syllabus for all the semester is showed below:

J. MAIN COURSES:

i) Course Outcome:

Cognitive Outcomes – first and foremost students know the men - environment relation. Students learned the nature, scope and concepts of geomorphology; it relation with other branches of earth sciences and cultured all about geological time scale. Students mastered over Plate Tectonics, earth movements and other related theories. As outcomes of the course, students understood details of rocks and minerals their composition and classification. Further, students know what is weathering, it varied processes involved and formation of related relief features. Students able to understood different functions and importance of geomorphic agents and processes that lead to evolution of diverse landscapes on the earth's surface. Students learned how the concepts of geomorphology are applicable to human settlements, transport, land-use, resource evaluation and environmental assessment.

Students know details about India and its various physical characteristics in the context of South and South East Asia. Students digested to agriculture and plans for development, uses and conservative measures of minerals and power resources; location and distribution of majors industries in India. Significant of transport and communication, trade and commerce and basis of regional divisions in India has made known to the student. Students were verse with the geographical aspects of North East India and Manipur state in particular in respect to structure, relief, climate, soils and natural vegetation, resource utilization, population and settlements types and patterns.

Students know how to prepared or draw cross and longitudinal profile of the streams, average slope map, drainage frequency map, block diagram and other graph based likes area height curve, hypsometric curve, etc. Students know drawing of geological section and its interpretation. Students learned basic principles of land surveying by using chain and tape, prismatic compass and plane table surveying methods. Using both graphical and mathematical methods, students mastered in drawing different map projections learn their properties, uses, and classification.

Students know the economic geography, its relation with allied subjects and major sector of economy of the world. They understood the term natural resources, their types and need to conserve. They too learned about major food crops and cash crops of the world.

Students were verse with the minerals, their classification, world distribution; Industries, factors controlling its location and world's major industries. Knowledge on Trade and its types; transport, various modes of transport and geographical factors in their development are with the students. Students acquired ideas about quaternary activities, its global distribution and concentration, disparity between developed and developing countries; India's position in it, impact of globalization, role of multinational companies and rise of IT in India.

Students know the five continents: Asia, Europe, North and South America, Australia and Africa with respect to their geographical aspects like physical, economic, demographic setup, drainage, climate, soils, natural vegetation, etc. Students know how to prepared road profile and contouring by using Dumpy Level; in the same fashioned learned measurement of heights and distances by using Theodolite. Students acquired the basic knowledge of remote sensing and its application; visual interpretation of satellite imagery, aerial photographs and orientation of aerial photograph under mirror stereoscope. Through field work and preparation of report, student learned the principles of surveying a particular place/village, its importance in land surveying which provide real time information about the people's socio-economic, landforms, land-use patterns, settlement, etc.

Behavioural Outcomes:

Students are able to pursue higher degree to build up their respective career in the field of geography or earth sciences. They can impart geographical knowledge to the community or society as a whole. With the help of cognitive outcomes, students are able to identify the relationship between men and their physical environment in a greater perspective. Student can able to compete with their counterpart when come to the knowledge about the earth, its landforms evolution and different processes responsible for it. Students can seat or apply graduate level competitive examinations for jobs. Geography graduate students can able to explain about composition of the earth crust mainly rocks, its types, and distribution all over the world. At the same time, can undertake research and come out with scientific reasons for the existence of

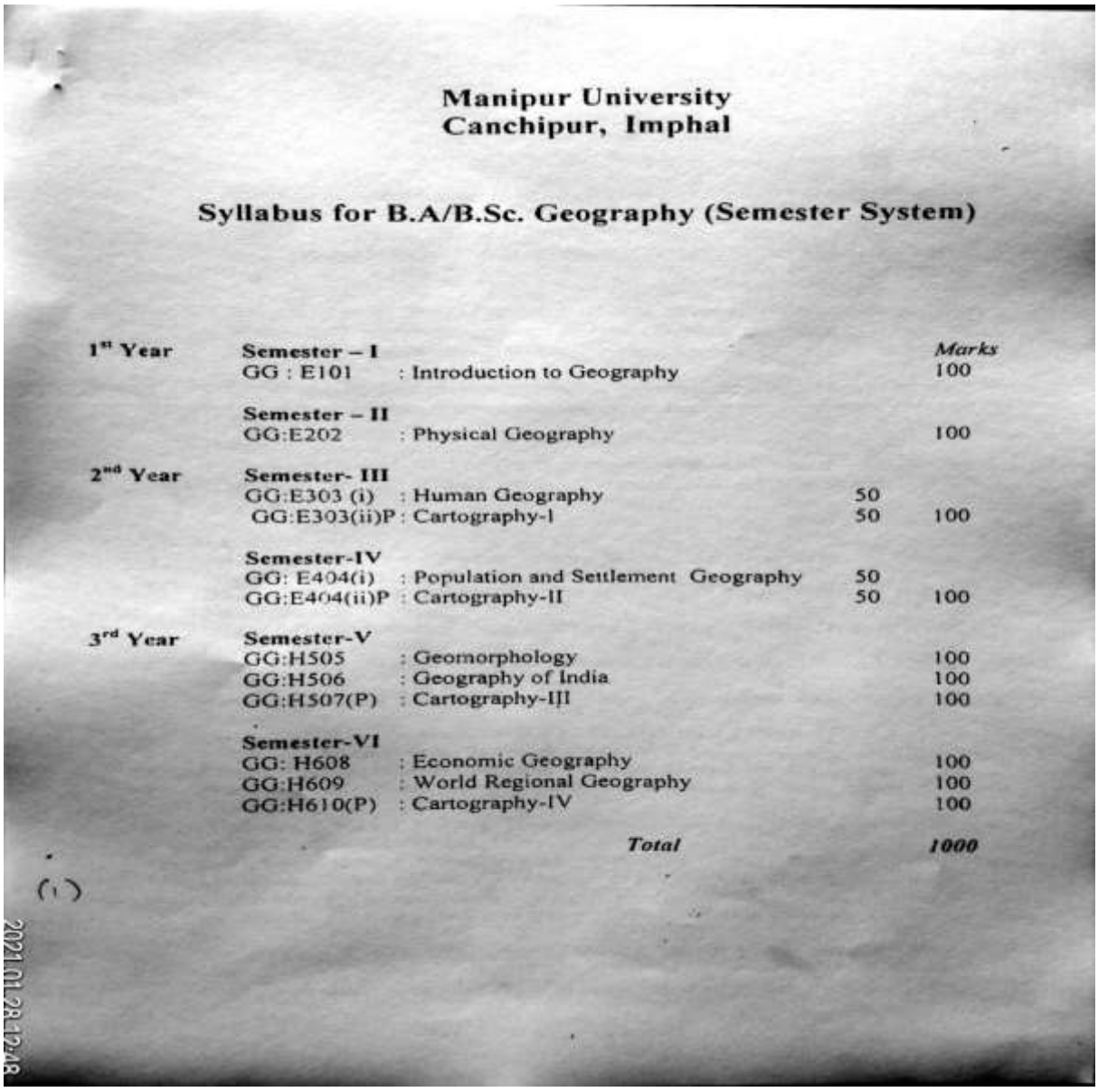
various landforms like plain, plateau and hill on the earth's surface. Students can able to make out different geomorphic agents and processes responsible for shaping/transforming the surface into varied reliefs features. They can easily be able to say about the dissimilar regional physical characteristics, resource availability, socio-economic aspects, and settlement pattern of any particular place/region. Explanation on spatial organisation and areal differentiation phenomenon on the earth' surface can be get from geographer. Any geography's graduate students can able to teach or present topics related to the earth's atmospheric structure, climatic elements, interior of the earth and surface configuration beside other topics. They too have verse knowledge about rocks and minerals, its composition and distribution. Students can distinguish between renewable and non-renewable natural resources as well.

Students can take up accurate measuring work of any place by using chain and tape. Handling dumpy level and theodolite by knowing their different parts and uses is easier for the students. Identify the basic elements of economic geography, geomorphology, human geography, physical geography, and GIS & remote sensing, etc. Students will able to outline the scientific approaches as adopted in the study of geography. They are able to adjust in every situations of life as study includes various economic activities of mankind. Students will able to explain the social and economic impact of globalization and multinational companies in the world's economy. Recognize the major different among the five continents in respect to physical, demography setup, climate, economy, etc. Student will able to identify the importance of surveying and report writing.

Affective Outcomes:

Students will develop the love toward environment, safeguard, protecting, conserving of natural resources, sustainability, and further research on particular environmental issues or problems. Students will endow about the different geographical knowledge learned during the course. They will comply in there day-today-life to adapt and make query. Students will care about different ecological issues prevail in the environment for suggesting effective measures to cope with. At the same time, students will take care of different drawbacks in the study of geography and the scope of jobs opportunity under various department/fields. They will think for deeper understanding of how men influence his environment and how environment controlled men economic activities. Graduate student will surely recognize the importance of geography as a discipline. Students will think for higher study and research. Students will seek for better solution to solve the problems with appropriate reasoning. Students will think to conduct public awareness programmes and other information disseminate mechanism to overcome various environmental degradation issues. Students will definitely think for deployment of a range of ideas and knowledge acquired to solve the problems. They will apply knowledge of effective control mechanism in the management of the ecological balance in the environment.

II. Sylabii:



Manipur University
Canchipur, Imphal

Syllabus for B.A/B.Sc. Geography (Semester System)

1st Year	**Semester – I**			*Marks*
	GG : E101	: Introduction to Geography		100
	Semester – II			
	GG:E202	: Physical Geography		100
2nd Year	**Semester- III**			
	GG:E303 (i)	: Human Geography	50	
	GG:E303(ii)P	: Cartography-I	50	100
	Semester-IV			
	GG: E404(i)	: Population and Settlement Geography	50	
	GG:E404(ii)P	: Cartography-II	50	100
3rd Year	**Semester-V**			
	GG:H505	: Geomorphology		100
	GG:H506	: Geography of India		100
	GG:H507(P)	: Cartography-III		100
	Semester-VI			
	GG: H608	: Economic Geography		100
	GG:H609	: World Regional Geography		100
	GG:H610(P)	: Cartography-IV		100
		Total		***1000***

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BA/BSc. 1st Year
First Semester

GG:E101 : Introduction to Geography

100 Marks

Unit – I Nature of geography, emergence of geography as a subject, geography and other disciplines. 20 marks

Unit-II Contributions of Greek and Arab geographers, contribution of German and French geographers. 20 marks

Unit-III Geography as the study of environment, man-environment relationship, determinism, possibilism, neo-determinism; Dualism in geography – systematic-regional, physical-human, branches of geography. 20 marks

Unit-IV Geography as human ecology; Areal differentiation and spatial organization, Concept of region - macro, meso and micro, Recent trends of study geography in India. 20 marks

Unit-V Cartography and its history; Importance of quantitative techniques; Remote sensing and GIS, field works – physical and socio economic surveys in geography. 20 marks

Suggested Readings :

1. Abler, Ronald F. et al *Geography's Inner Worlds Pervasive themes in Contemporary American Geography*, Routledge New Jersey, 1992
2. Dikshit R.D. *The Arts, Science of Geography Integrated Readings*. Prentice Hall of India, New Delhi, 1994
3. Dikshit R.D. : *Geographical Thought – A Contextual History of Ideas*, Prentice Hall of India Pvt. Ltd. 2000
4. Dohrs, F.E. and Sommers, L.W.(eds.) *Introduction to Geography*. Thomas Y. Crowell Co., New York, 1967.
5. Hartshorne, Richard : *Perspective on the Nature of Geography*, Rand McNally and Co., Chicago, 1959.
6. Harvey, David: *Explanation in Geography*. Edward-Arnold, London, 1972.
7. Holt-Jensen, A. : *Geography Its History and Concepts*, Longmans, 1980.
8. Husain, Majid *Evolution of Geographical Thought*, Rawat Publicantions, Jaipur, 1984.
9. James, P.E. *All Possible Worlds A History of Geographical Ideas*, Sachin Publication, Jaipur, 1980.
10. Johnston, R.J. and Claval, P. (eds.) : *Geography Since the Second World War*, Croom Helm, London/Bernes and Bable, N.J., 1984.
11. Jones, P.A.: *Fieldwork in Geography*, Longmans, 1968
12. Lownsburg, J.F. and Aldrich, F.T. *Introduction to Geographical Methods and Techniques*. Charles Marrill, Columbus, 1979.
13. Minshull, R. : *The Changing Nature of Geography*, Hutchinson University Library, London, 1970
14. Wooldridge, S.W. : *The Geographer As Scientist*, Thomas Nelson and sons Ltd., London, 1956
15. Singh, R.L. : *Elements of Practical Geography*, Kalyani Pub., New Delhi,1969

16. R.P. Misra: *Fundamentals of Cartography*, Prasaranga, University of Mysore, 1969.
17. Barrett E.C. and Curtis : *Fundamental of Remote Sensing and Air Photo Interpretation*, McMillan, New York, 1992.

BA/BSc. 1st Year
Second Semester

GG: E202 Physical Geography

100 Marks

Unit-I The Solar system and origin of earth; Rocks – their origin and classification; Interior of the earth; Earth movements – organic and epeirogenic; Earthquakes and volcanoes, major land forms. 20 Marks

Unit-II Weathering, factors affecting weathering; Concept of cycle of erosion;works of running water, wind and glaciers; Karst and coastal regions; Drainage patterns, lakes and islands. 20 Marks

Unit-III Elements of weather and climate; Composition and structure of the atmosphere; Insolation, heat budget, vertical, horizontal and seasonal distribution of temperature. 20 Marks

Unit-IV Atmospheric pressure and winds, planetary, periodic and local winds, evaporation, condensation and precipitation;Cyclones and anticyclones;Climatic types and their association with major natural regions. 20 Marks

Unit-V Configuration of ocean floor; Temperature and salinity distribution of ocean water; Ocean currents, marine deposits, Corals and atolls; Global distribution of major plant and animal communities; Concept of ecosystem and food chain. 20 Marks

Suggested Reading :

1. Ahmed Enyat : *Geomorphology*, Kalyani Publishers, New Delhi, 2001.
2. Blomm A.L. *Geomorphology-A Systematic Analysis of Late Canezoic landforms*. Prentice Hall Englewood Cliffs, N.J. 1978.
3. Dayal, P. : *A textbook of Geomorphology*, Sukla Book Depot, Patna 1996
4. Critchfield, H. *General Climatology*, Prentice-Hall, New York, 1975
5. Monkhouse, F.J. : *Principles of Physical geography*
6. Sharma, R.C. and Vatal, M. : *Oceenography for Geographers*
7. Strahler, A.N. & Strahler A.H *Modern Physical Geography*, John Wiley & Sons revised edition, 1992.
8. Kale, V.S. and Gupta, A. : *Introduction to Geomorphology*, Orient Longman, Kolkata, 2001
9. Thornbury, W.D. : *Principles of Geomorphology*, Wiley Eastern, 1969
10. Wooldridge, S.W. and Morgan, R.S. : *An Outline of Geomorphology The Physical Basis of Geography- An Outline of Geomorphology*. Longman Green &Co. London 1939

BA/BSc. 2nd Year
Third Semester

GG:E303(i) Human Geography

50 Marks

Unit-I Nature and scope of human geography, branches of human geography, approaches to the study of human geography :Primitive life style of mankind and subsequent migration. 15 Marks

Unit-II Division of mankind : spatial distribution of racial and linguistic groups; Human adaptation to the environment (i) cold region - Eskimo, (ii) hot region - Bushman (iii) plateau – Gonds, (iv) mountain – Gujjars, nomads and (v) natural hazards. 20 Marks

Unit-III Economic activities of mankind: food gathering, hunting, fishing, vegeculture, shifting cultivation; Economic activities in modern society – industry, transport and agriculture, trade and commerce. 15 Marks

Suggested Readings :

1. Bergwan, Edward E: *Human Geography: Culture, Connections and landscape*, Prentice-Hall, New Jersey,1995.
2. Carr, M. : *Patterns, Process and Change in Human Geography*, MacMillan Education, London, 1987.
3. Fellman, J.L. : *Human Geography-Landscapes of Human Activities*, Brown and Benchman Pub., U.S.A. 1997
4. DeBlij H.J.: *Human Geography, Culture Society and Space*, John Wiley, New York, 1996.
5. Johnston, R.J. (editor) : *Dictionary of Human Geography*, Blackwell, Oxford, 1994.
6. Mc Bride, P.J. : *Human Geography Systems, Patterns and Change in Human Geography*, Nelson, U.K. and Canada, 1996.
7. Michael, Can: *New Patterns: Process and Change in Human Geography Nelson*, 1997.
8. Peter Daniels, Michael B. Denis S. and James, S: *Human Geography*, Pearson Education, Delhi, 2003.
9. Rubenstein, J.H. and Bacon R.S : *The cultural Landscape-an Introduction to Human Geography*, Prentice hall. India, New Delhi, 1990.
10. Singh, K.N.. *People of India, An introduction*, Seagull Books, 1992.
11. Majid Husain : *Human Geography*, Rawat Publication, Jaipur, 2003
12. UNDP *Human Development Report*, Oxford University Press,2001

GG:E303(ii)P Cartography-I

50 Marks

Unit I: Scale: representative fraction, plain linear, diagonal and comparative; Identification of rocks and minerals, fibers and crops. 10 marks

Unit II: Methods of showing relief-hachure, shading, contours and layer tints; Representation of different landforms by contours; Drawing of profiles-cross and long profiles, superimposed, projected and composite profiles and their relevance in landform mapping and analysis. 15 marks

Unit III: Representation of temperature and rainfall data by line and bar graphs. Drawing of climograph and hythergraph and their interpretation; Interpretation of Indian weather maps for July and January months; Reading of meteorological instruments- maximum & minimum thermometers, wet & dry thermometers, rain gauge, barometer, wind vane and anemometer. 15 marks

Record book 05 marks

Viva –voce 05 marks

Note: Questions are to be set according to the marks alloted to units at the time of examination.

Suggested Readings :

1. Lawarence, G.R.P. : *Cartographic Methods*, Methuen, London, 1968.
2. Monkhouse, F.J. & Wilkinson, H.R. : *Maps and Diagrams*, Methuen, London, 1994.
3. Robinson A.H.: *Elements of Cartography*, John Wiley & Sons, Newyork, 1998(fifth edition).
4. Singh, R.L. : *Elements of Practical Geography*, Kalyani Pub., New Delhi,1969.
5. R.P. Misra: *Fundamentals of Cartography*, Prasaranga, University of Mysore, 1969
6. Raisz, Erwin. *Principles of Cartography*, Mc Graw-Hill, Newyork, 1962.

BA/BSc 2nd Year
Fourth Semester

GG:E404(i) Population and Settlement Geography

50 Marks

Unit-I — Nature and scope of population geography, world population growth, density and distribution; Composition of population: age and sex, rural and urban, economic composition, fertility and mortality with reference to India; Migration – internal and international; Population problems and policies with reference to India.
25 marks

Unit-II — Nature and scope of settlement geography, evolution of settlements, spatial distribution and associated factors; Settlements of rural and urban.
10 Marks

Unit-III — Types and patterns of rural settlements, distribution of rural settlements; Growth of urban settlements, morphology, urbanization trends in the world, functional classification of towns, urban problems and planning.
15 Marks

Suggested Readings :

1. Bose Ashish etal : *Population in India's Development* (1947-2000), Vikas, New Delhi, 1974.
2. Chandna R.C. : *Geography of Population*, Kalyani Pub, New Delhi, 2000.
3. Chandna R.C. : *Geography of Population: Concept, Determinants and Patterns*, Kalyani, New Delhi, 2000.
4. Clarke John I : *Population Geography*, Pergamon Press, Oxford 1973.
5. Crook, Nigel : *Principles of Population and Development*, Pergamon Press, N.Y. 1977.
6. Garnier B.J. : *Geography of Population*, Longman, London 1970.
7. Mamoria C.B. : *India's Population Problem*, Kitab Mahal, New Delhi 1981.
8. Mitra Ashok: *India's Population: Heading Towards a Billion*, B.R. Publ. Corp. 1991.
9. Srinivasan K. and M.B. Vlassoff : *Population Development Nexus in India : Challenges for the Millenium*, Tata McGraw Hill, New Delhi 2001.
10. Sundaram K.V. and Sudesh Nangia (Ed): *Population Geography*, Heritage, Delhi 1986.
11. UNDP : *Human Development Report*, Oxford University Press, Oxford 2000.
12. Wood R. : *Population Analysis in Geography* , Longman, London, 1979.
13. Carter H. :The Study of Urban Geography,Edward Arnold, London, 1972.
14. Rao,V.L.S.P: Urbanization in India: Spatial Dimensions, Concept Publication, New Delhi, 1996
15. Singh, R.L. & Singh,K.N.(eds): *Readings in Rural Settlement* , BHU, Vanarasi.
16. Singh , R.Y: *Geography of Settlements*,Rawat,Jaipur,1998
17. Singh, R.L. & Singh,K.N.(eds): *Readings in Rural Settlement* , BHU, Vanarasi.

GG : E404(ii)P Cartography-II

50 Marks

Unit I: Cartographic symbols and their uses: points-dots, proportional circles and spheres, lines- isopleths and flow lines, areas- choropleth.

Use of line and bar graphs for representing population, agriculture, industry and transport data.
15 marks

Unit II: Mean ,median, mode, standard deviation, correlation coefficient.
10 marks

Unit III: Representation of population distribution, density and growth, land use , cropping pattern, industries and transport by cartographic techniques other than line and bar graphs. Interpretation of Survey of India(SOI) topo-sheets of an area in respect of (i) relief, (ii) drainage ,(iii) settlement and (iv) communication pattern.
15 marks

Record book — 05 marks

Viva –voce — 05 marks

Note: Questions are to be set according to the marks allotted to units at the time of examination.

Suggested Readings :

1. Monk house, F.J. : *Maps and Diagrams*, Methun& Co Ltd. , London, 1971.
2. Raize,Erwin. : *Principals of Cartography* : Me Graw Hill, Newyork, 1982.
3. Elhance,D.N.:Fundamental of Statistics, Kitab Mahal, Allahabad,1972.
4. Robinson A.H. and sale R.D. : *Elements of Cartography*, John Wiley, New Jersey, 1953. 5.Singh, R.L. : *Elements of Practical Geography*, Kalyani Publishers, New Delhi, 1979
6. Birch, T.W. : Maps : Topographical and Statistical , Clarendon Press, Oxford, 1949.
7. R.P. Misra: *Fundamentals of Cartography*, Prasaranga, University of Mysore, 1969.
8. Aslam Md.: Statistical Method in Geographical Studies, Rajesh Publication, New Delhi, 1976.
9. Pal, S.K. : *Statistics for geoscientists – Techniques and Applications*, Concept, New Delhi, 1998.
10. Gregory S: *Statistical Methods and the Geographer*, Longman S. London, 1963.

BA/BSc 3rd Year
Fifth Semester

GG:H505 Geomorphology

100 Marks

Unit-I — The nature, scope and concepts of geomorphology; Relationship of geomorphology with other branches of earth sciences; Geological time scale. 20 Marks

Unit-II — Earth's interior, Wegener's theory of Continental drift, Plate Tectonics;Earth movements – orogenic and epeirogenic; Types of folds and faults, isostasy, earthquakes and volcanoes, types of mountains. 20 Marks

Unit-III — Rocks and minerals – origin and composition of rocks, classification of rocks Weathering, formation of regolith and soils, rocks and relief. 20 Marks

Unit-IV — Geomorphic agents and processes, erosion, transportation and deposition; Mass wasting; Evolution of landscape; Concept of cycle of erosion, interruption to cycle of erosion, fluvial, arid, glacial, karst and coastal landscapes. 20 Marks

Unit-V — Applied geomorphology : settlements, transport, land-use, mining, resource evaluation, environmental and assessment. 20 Marks

Suggested Readings :

1. Dayal, P: *A Text book of Geomorphology*, Shukla Book deport, Patna, 1996.
2. Dury, G.H. : essa : in Geomorphology, Heinmann, London, 1966.
3. Grust, W.G.: *Earth systems – Process and Issues*, Combridge University Press, 2000.
4. ICSSR : *A Survey of Research in Physical Geography*, Concept, New Delhi, 1983.
5. Kale V. and Gupta, A : *Element of Geomorphology*, Oxford University Press, Calcutta, 2001.
6. Monkhouse, F.J.: *Principles of Physical geography*, Hodder and Stoughton, London, 1960.
7. Pitty, A. : *Introduction of Geomorphology*, Methuen, London, 1974.
8. Sharma, H.S. : *Tropical Geomorphology*, Concept, New Delhi, 1987.
9. Singh, S. : *Geomorphology*, Prayag Pustak Bhawan, Allahabad, 1998.
10. Small, R.J. : *The Study of Landforms*, Mc Graw Hill, New York, 1985.
11. Sparks, B.W.: *Geomorphology*, Longmans, London, 1960.
12. Steers, J.A.: *The Unstable Earth. Some Recent Views in Geography*, Kalyani Publishers, New Delhi, 1964.
13. Strahler, A.N. : *Environmental Geo-Science*, Hamilton Publishing, Santa Barbara, 1973.
14. Strahler, A.N. and Strahler, A.H.: *Modern Physical Geography*, John Wiley & Sons, revised edition 1992.
15. Summerfield, M.A. : *Global Geomorphology*, Longman, 1991.
16. Thornbury, W.D. : *Principles of Geomorphology*, Wiley Eastern, 1969.
17. Wooldridge, S.W. and Morgan, R.S. : *The Physical Basis of Geography – An Outline of Geomorphology*, Longman Green & Co., London, 1959.
18. Wooldridge, S.W. : *The Geographer as Scientist*, Thomas Nelson and Sons Ltd. London, 1956.
19. Holmes, A:*Principles of Physical Geology*, ELBS/VanNostrand Reinhold, 1978 (third edition)

GG:H506 Geography of India

100 Marks

Unit-I — India in the context of south and south east Asia; India: a land of unity and diversity; Structure and relief, drainage, climate and vegetation, natural regions. 20 Marks

Unit-II — Agriculture and agricultural development planning, mineral and power resources, the status of their use and need for conservation; Location and distribution of iron and steel, textile, petrochemical, cement and forest based industries. 20 Marks

Unit-III — Transport and communication, trade and commerce, basis of regional divisions of India – macro, meso and micro – regions of India and planning. 20 Marks

Unit-IV — North East India : structure and relief, climate soils and natural vegetation resource utilization, population structure and settlement patterns. 20 Marks

Unit-V — Manipur : structure and relief, drainage, climate, soils and natural vegetation, agriculture, mineral and power resources, population, tribes, settlements 20 Marks

Suggested Readings :

1. Deshpade C.D: *India-A Regional Interpretation*, Northern Book Centre, New Delhi, 1992.
2. Farmer, B.H.: *An Introduction to South Asia*, Methuen, London, 1983.
3. Govt. of India: *India-Reference Annual*, 2001 Pub. Div. New Delhi 2001.
4. Govt. of India: *National Atlas of India*, NATMO Publication Division, New Delhi, 1965.
5. Govt. of India: The Gazetteer of India, Vol. I & III,Publication division, New Delhi, 1965.
6. Learmonth, A.T.A. et.al(ed): *Man and Land of South Asia* ,Concept, New Delhi.
7. Mitra, A.: *Levels of Regional Development India*, Census of India, Vol.I, Part I-A(i) and (ii) New Delhi, 1967.
8. P.Nag and P.Roy : Geography of India, Concept Publication, New Delhi 1998.
9. Shafi, M. : *Geography of South Asia*, McMillan & Co., Calcutta, 2000.
10. Singh, R.L(ed): *India : A Regional Geography*, National Geographical Society, India, Varanasi, 1971.
11. Spate, O.H.K. and Learmonth, A.R.A.: *India and Pakistan: Land, People and Economy*, Methuen & Co., London, 1967.
12. Valdiya, K.S.: *Dynamic Himalaya*, University Press, Hyderabad, 1998.
13. Wadia, D.N.: *Geology of India*, McMillan & Co., London, 1967.
14. Kullar,D. *India- A Comprehensive Geography*, Kalyani Publishers, New Delhi,2000
15. Singh ,R.P.: *Geography of Manipur*, NBT, New Delhi
16. Taher,M &Ahmed, P.:*Geography of North East India*, Mani-Manil Prakash, Guwahati, 2000
17. Ansari S.A: *Economic Geography of Manipur*, Trio Book House, Imphal

GG:H507 P Cartography -III

100 Marks

Unit I: Preparation of cross and longitudinal profiles of streams; preparation of average slope map, block diagram , area height curve, hypsometric curve and drainage frequency and density map. 20 marks

Unit II: Interpretation of geological maps and drawing of geological sections to show the sequence and relationships of structure with relief . 15 marks

Unit III: Basic principles of land surveying(i) chain and tape, (iii) prismatic compass and (iv) plane table surveying- radiation, intersection and three point problem. 20 marks

Unit IV: Map projection: general principles, classification; Draw graticules on the following projections by graphical / mathematical methods with suitable outline maps and their properties and uses : Zinithal orthographic, Stereographic, Equal area and Equidistant projections. 15 marks

Unit V: Map projection :Conical –Bond's, Polyconic and International projections ; Cylindrical-Marcator's , Gall's and Mollweide projections(construction of suitable outline maps by graphical/mathematical methods and properties and uses of the projections). 15 marks

Record book 7 marks

Viva –voce 8 marks

Note: Questions are to be set according to the marks allotted to units at the time of examination.

Suggested Reading :

1.Monk house, F.J. : *Maps and Diagrams*, Methuen & Co Ltd. , London, 1971.
2. Nag.P. : *Thematic Cartography and Remote-Sensing*, concept publication, New Delhi, 1953.
3.Raize , Erwin. : *Principals of Cartography* : Mc Graw Hill, Newyork, 1982.
4.Robinson A.H. and sale R.D. : *Elements of Cartography*, John Wiley and sons, New Jersey,1985
5.Singh, R.L. : *Elements of Practical Geography*, Kalyani Publishers, New Delhi, 1979
6.R.P. Misra: *Fundamentals of Cartography*, Prasaranga, University of Mysore, 1969
7.Gopal Singh: *Map Work and Practical Geography*, Vikas Publishing House Pvt. Ltd.,New Delhi,1996
8.Pal, S.K. : *Statistics for geoscientists – Techniques and Applications*, Concept, New Delhi, 1998.
7. Steers, J.A.: *Map Projections*., University of London Press, London.

BA/BSc 3rd Year
Sixth Semester

GG:H608 Economic Geography

100 Marks

Unit-I Definition, nature, scope and recent trends in Economic Geography, its relations with economics and allied subjects, sectors of economy –primary, secondary, tertiary and quaternary. 20 marks

Unit-II Natural resources : Renewable and non-renewable, biotic and abiotic, conservation of resources; Agriculture-- factors of crop production, major food crops and cash crops of the world. 20 marks

Unit-III Minerals and Industries : classification of minerals and their world distribution; Industries : factors of localization; Major industries – iron and steel, textile, chemicals, cement, paper, ship building, small scale and cottage industries. 20 marks

Unit-IV Trade and Transport : geographical factors in their development, water, land and air transport, internal and international trade. 20 marks

Unit-V Global distribution and concentration of quaternary activities; Disparity between developed and developing countries; India's position in quarternary sector, Impact of globalization and India's economy, role of multinational companies and rise of IT industry in India. 20 marks

Suggested Readings :

1. Boesch, H.: *A Geography of World Economy*, D.Van Nostrand Co., New York, 1964.
2. Chapman, J.D.: *Geography and Energy*, Longman, London, 1989.
3. Gregor, H.F.: *Geography of Agriculture*, Prentice Hall, New Jersey, USA, 1970
4. Griggs, D.B.: *The Agricultural Systems of the World*, Cambridge University Press, New York, 1974.
5. Gordon L. Clark, Maryann, P.F. and Merie, S.G. : *The Oxford Handbook of Economic Geography*, Oxford University Press, New York, 2000.
6. Hartshorne, T.N. and Alexander, J.W.: *Economic Geography*, Prentice Hall, New Delhi, 1986.
7. Ones, C.F. and Darkenwald, G.G.: *Economic Geography*, McMillan Co., New York, 1975.
8. Millar E.: *Geography of Manufacturing*, Prentice Hall, New York, 1962.
9. Raza. M and Agrawal, Y.: *Transport Geography of India*, Concept, New Delhi, 1986.
10. Smith, D.M. : *Industrial Location – An Economic Geographical analysis*, John Wiley, New York, 1971.
11. Thomas, R.S.: *The Geography of Economic Activities*, McGraw Hill, New York 1962.
12. Alexander, J.W.: *Economic Geography*, Prentice hall, 1974.
13. Berry, BJL, et at. : *Global Economy*, Prentice hall Englewood Cliffs, New Jersey, 1993.
14. Boesch, H: *A Geography of World Economy*, D.Van Nostrand Co., New York, 1964.
15. Cryson, J. Henry, N., Keeble D. and Martin, R.: *The Economic Geography Reader*, John Wiley & Sons Ltd., Chichester, 2004.
16. Jones, C.F. and Darkenwald, G.G.: *Economic Geography*, Mc Milan Co., New York, 1975.

17. Lee, R. And Wills J. : *Geographies of Economies*, Arnold, London, 1997.
18. Leong G. C. and Nmorgen, G.C.: *Human and Economic Geography*, Oxford University Press, London, 1982.

GG: H-609 : World Regional Geography

Marks: 100

Unit I: Asia–Terrain, pattern, drainage, climate, natural vegetation, soils, spatial distribution of population and economic base of the continent in general; Regional studies of south and south-east Asia. 35 marks

Unit II : Europe- Physical, economic and demographic characteristics of the continent; Regional studies of British isles and European Union. 20 marks

Unit III: North and North America- Physical, economic and demographic setup; Regional studies of USA and Brazil. 15 marks

Unit IV: Australia and Newzealand and Pacific islands- Physical, economic and demographic set up. 15 marks

Unit V : Africa- Physical , economic and demographic setup. 15 marks

Suggested Reading :

1. Cole, J.: *A Geography of the World's Major Regions*, Routledge, London, 1996.
2. Cole, J.P. : *Latin America-Economic and Social Geography*, Butterworth USA, 1975.
3. DeBlij, H.J. : *Geography : Regions and Concepts*, John Wiley, New York, 1994.
4. Dickenson, J.P. et at.: *The Geography of the Third World*, Routledge, London, 1996.
5. Dourou, P. : *The Tropical World*, Longman, London, 1980.
6. Jackson, R.H. and Hudman, L.E.: *World Regional Geography*: Issues for Today, John Willey, New York, 1991.
7. Kolh, A.: *East Asia-Geography of a Cultural Region*. Mathuen, London, 1977.
8. Minshull, G.N. : *Western Europe*, Hoddard & Stoughton, New York, 1984.
9. Patterson, J.H.: *Geography of Canada and the United States*, Oxford University Press, 1985.
10. Songquiao, Z.: *Geography of China*, John Wiley, New York, 1994.
11. Ward, P.W. and Miller, A. : *World Regional Geography* : A Question of Place, John Wiley, New York, 1989.

Note: Internet sources may be used for the areas for which books are not available.

GG :H 610 P Cartography- IV

100 Marks

Unit I: Dumpy level for preparation of road profile and contouring and theodolite for measurement of heights and distances. 20 marks

Unit II: Remote sensing : orientation of areal photographs under mirror stereoscope , determination of photo scale, identification of objects from the aerial photographs, preparation of base map from the aerial photographs, visual interpretation of satellite imagery for drainage and land use mapping ; Introduction to GIS and GPS. 25 marks

Unit III: Field work and field report under the guidance of teachers: select any area near the institution or elsewhere, collect topo sheets of the area 1:50,000 scale or satellite image , visit the area and identify the land forms , settlement , land use features and compare the same with the topo sheets and / or satellite image , draw sketches and maps of the selected area; conduct field survey and prepare field report. 40 marks

Record book 7 marks

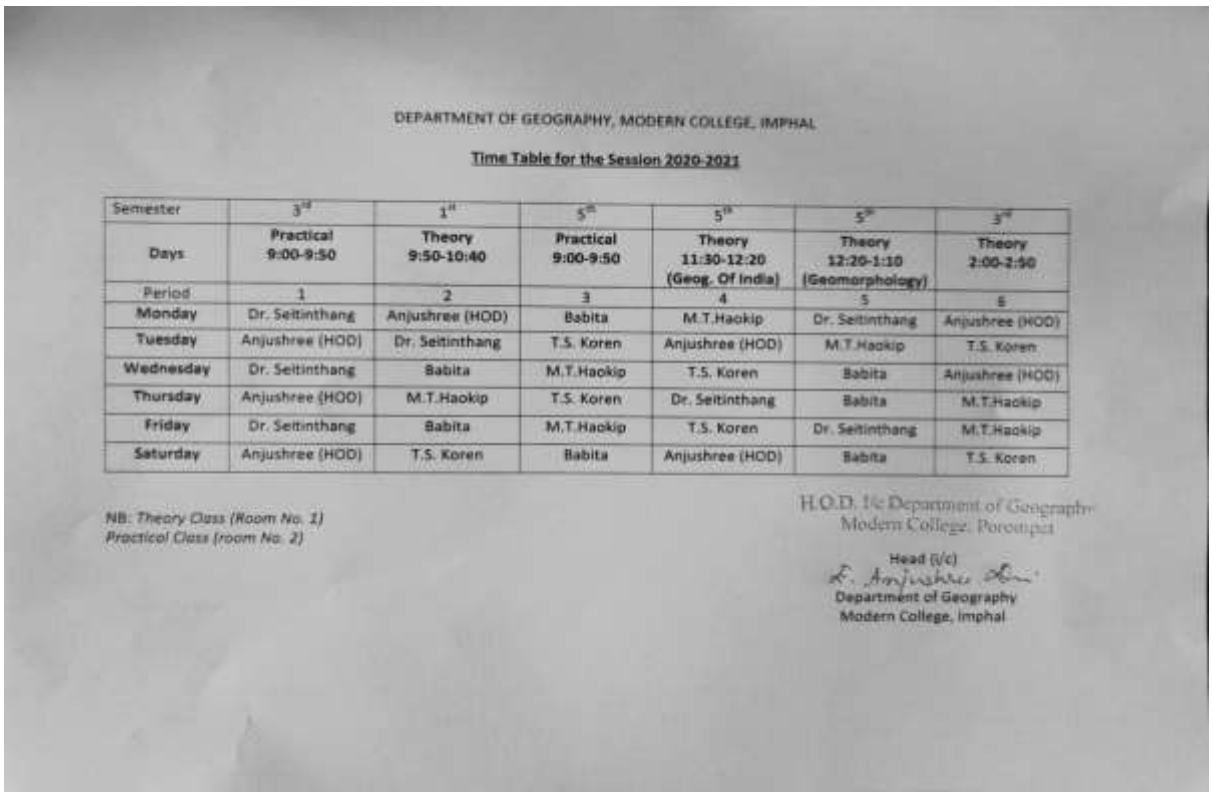
Viva –voce 8 marks

Note: Questions are to be set according to the marks alloted to units at the time of examination.

Suggested Readings:

1. American Society of Photogrammetry : *Manual of remote Sensing*, ASP, Falls Church, V.A. 1983.
2. Barrett E.C. and Curtis : *Fundamental of Remote Sensing and Air Photo Interpretation*. McMillan, New York, 1992.
3. Jefreys, S and John E. : *Geographic Information System – An Introduction*, prentice Hall, New Jersey, 1990.
4. Jones,P.A: *Field Work in Geography*, Longman, London,1968
5. Luder D : *Aerial Photography Interpretation : Principles and Application*, McGraw Hill, New York, 1959.
6. Monk house, F.J. : *Maps and Diagrams*, Methuen, London, 1967.
7. Nag P. : *Thematic Cartography and Remote-Sensing*, Concept publication, New Delhi, 1953
8. Raize I. : *Principals of Cartography* : Me Graw Hill, New ork, 1982.
9. Kanitkar,T.P.: Surveying and Leveling, Roorkee University, Roorkee,1965
10. Robinson A.H. and sale R.D. : *Elements of Cartography*, John Wiley, New Jersy, 1953.
11. Singh R.L. Elements of Fine Geog. Kalyani Publishers, New Delhi, 1979
12. Stoddart, R.H. : Field Techniques & Research Methods in Geog., Kendall Hunt, Publishing, Dubuque, 1982.
13. R.P. Mishra : Fundamentals of Cartography, Prasad Mysore, Univ. of Mysore, 1969.

K. Time Table for Offline & Online Classes:



DEPARTMENT OF GEOGRAPHY, MODERN COLLEGE, IMPHAL

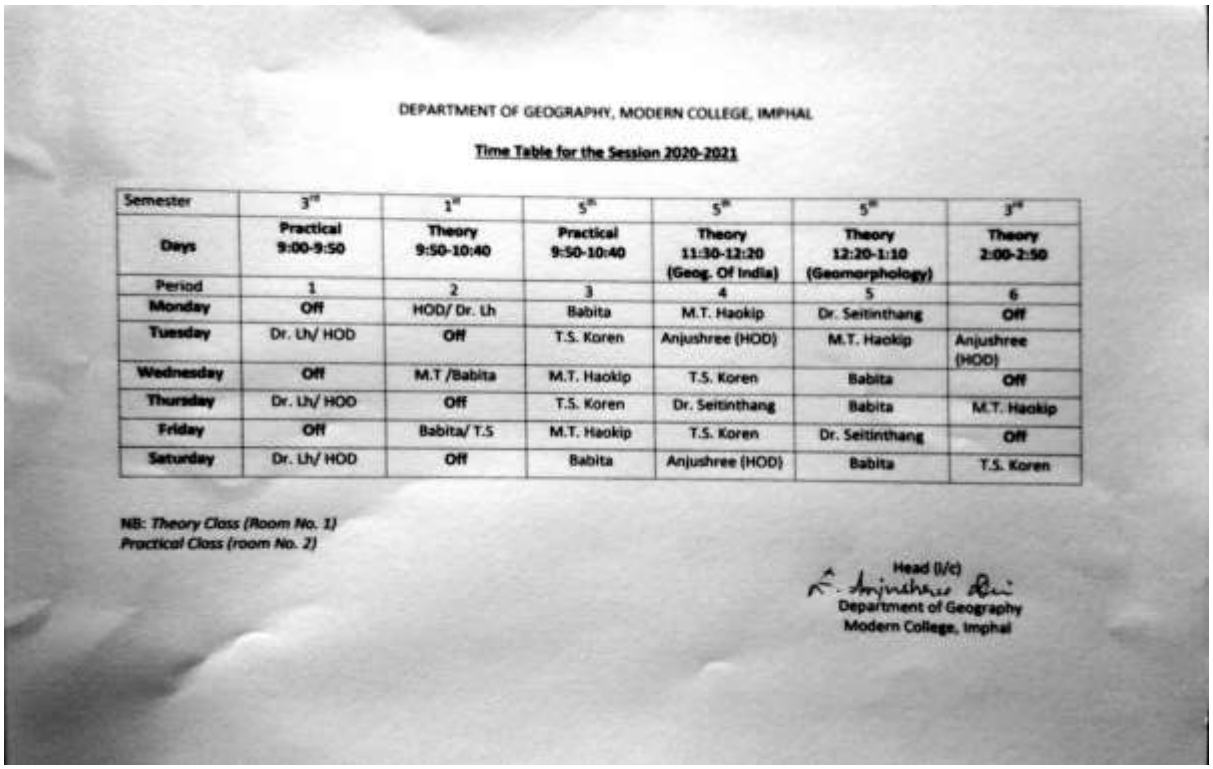
Time Table for the Session 2020-2021

Semester	3rd	1st	5th	5th	5th	3rd
Days	Practical 9:00-9:50	Theory 9:50-10:40	Practical 9:00-9:50	Theory 11:30-12:20 (Geog. Of India)	Theory 12:20-1:10 (Geomorphology)	Theory 2:00-2:50
Period	1	2	3	4	5	6
Monday	Dr. Seitinthang	Anjushree (HOD)	Babita	M.T.Haokip	Dr. Seitinthang	Anjushree (HOD)
Tuesday	Anjushree (HOD)	Dr. Seitinthang	T.S. Koren	Anjushree (HOD)	M.T.Haokip	T.S. Koren
Wednesday	Dr. Seitinthang	Babita	M.T.Haokip	T.S. Koren	Babita	Anjushree (HOD)
Thursday	Anjushree (HOD)	M.T.Haokip	T.S. Koren	Dr. Seitinthang	Babita	M.T.Haokip
Friday	Dr. Seitinthang	Babita	M.T.Haokip	T.S. Koren	Dr. Seitinthang	M.T.Haokip
Saturday	Anjushree (HOD)	T.S. Koren	Babita	Anjushree (HOD)	Babita	T.S. Koren

NB: Theory Class (Room No. 1)
Practical Class (room No. 2)

H.O.D. I/c Department of Geography
Modern College, Porompat

Head (I/c)
Department of Geography
Modern College, Imphal



DEPARTMENT OF GEOGRAPHY, MODERN COLLEGE, IMPHAL

Time Table for the Session 2020-2021

Semester	3rd	1st	5th	5th	5th	3rd
Days	Practical 9:00-9:50	Theory 9:50-10:40	Practical 9:50-10:40	Theory 11:30-12:20 (Geog. Of India)	Theory 12:20-1:10 (Geomorphology)	Theory 2:00-2:50
Period	1	2	3	4	5	6
Monday	Off	HOD/ Dr. Lh	Babita	M.T. Haokip	Dr. Seitinthang	Off
Tuesday	Dr. Lh/ HOD	Off	T.S. Koren	Anjushree (HOD)	M.T. Haokip	Anjushree (HOD)
Wednesday	Off	M.T /Babita	M.T. Haokip	T.S. Koren	Babita	Off
Thursday	Dr. Lh/ HOD	Off	T.S. Koren	Dr. Seitinthang	Babita	M.T. Haokip
Friday	Off	Babita/ T.S	M.T. Haokip	T.S. Koren	Dr. Seitinthang	Off
Saturday	Dr. Lh/ HOD	Off	Babita	Anjushree (HOD)	Babita	T.S. Koren

NB: Theory Class (Room No. 1)
Practical Class (room No. 2)

Head (I/c)
Department of Geography
Modern College, Imphal

For the effectiveness of teaching - learning processes, department notified the above Time Table for the semester classes. The existing five faculties equally distribute the weekly time to complete each semester syllabi for both the practical & the theory classes in time. The entire faculty member performed their duty according to the paper or unit assigned to them. Students were notified accordingly to attain the class regular.

L. Teaching-Learning Processes:

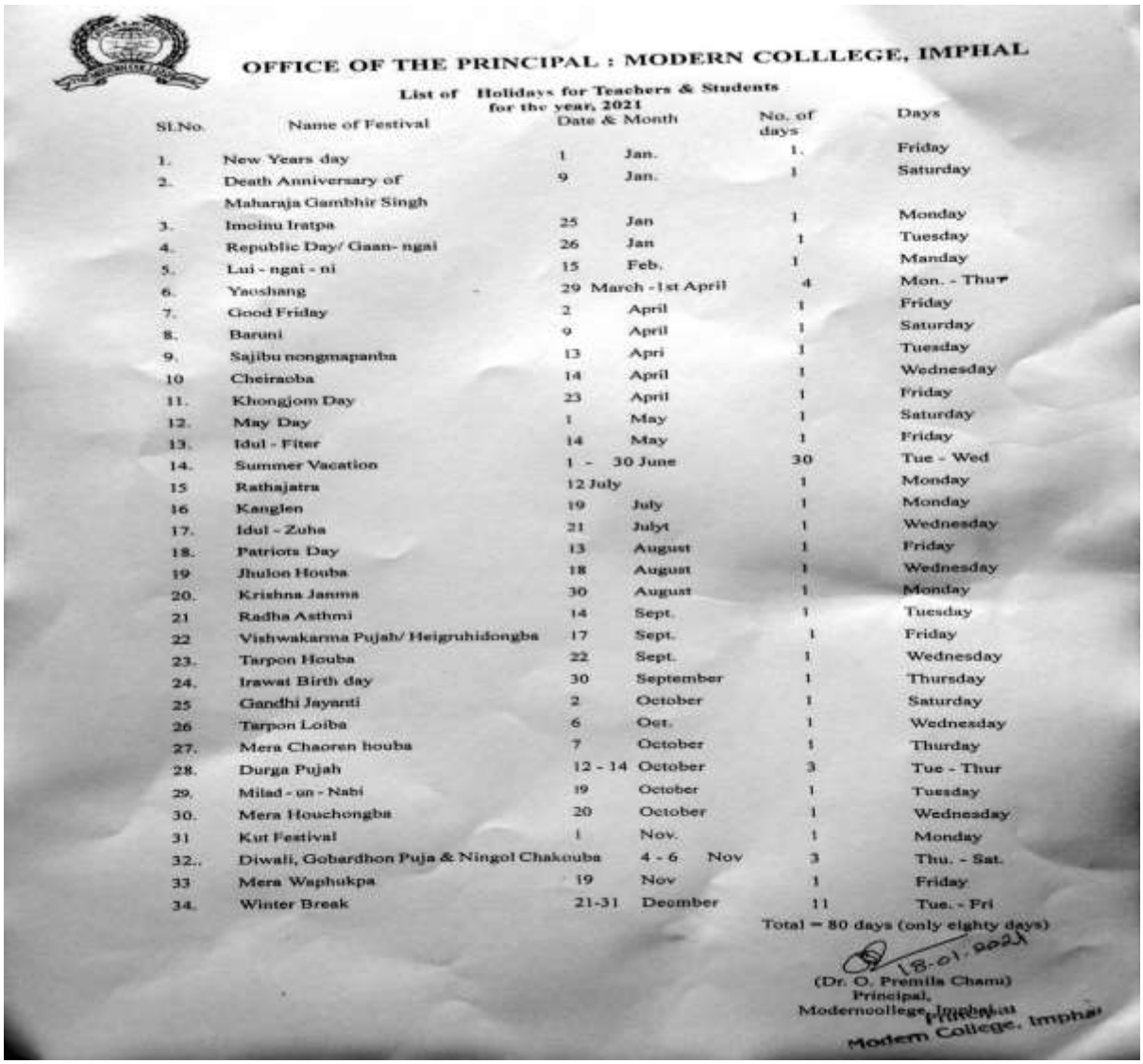
We the teachers of the department served as the prime mover to make teaching and learning possible and attainable. Teacher assesses learning needs, established specific learning objectives, strategies like identification of topic and questions, implements plan of work and evaluates the outcomes. A conducive learning environment is created for the learners who were key participants. Students and teacher are equally involved in the teaching & learning processes. At the departmental level, activities like content focus, interaction, critical thinking, problem solving etc are adopted for effective learning outcomes. Exchange feedback between the educators and the learners help to comprehend the area needed for improvement.

M. Evaluation:

The teachers of Geography Department regularly evaluated our own performance asking student what they think teachers are doing well or could be improved. A well planning, development, implementation, and action and improvement were critically examines as part of the departmental evaluation. This provides feedback to our teaching and the learners about their learning. For effective evaluation tools and techniques like achievement test, cumulative record, check list, rating scale, questionnaire and observation were maintained from time to time.

N. Academic Calendar:

There is no separate academic calendar for the department. Though, the college academic calendar is strictly followed to execute the departmental academic activities. The semester wise students were prioritising base on their needs and requirements. In executing departmental work like study tour, public outreach activities, seminar and others skilled oriented extracurricular activities are conducted incorporating the college academic calendar.



OFFICE OF THE PRINCIPAL : MODERN COLLLEGE, IMPHAL

List of Holidays for Teachers & Students for the year, 2021

Sl.No.	Name of Festival	Date & Month	No. of days	Days
1.	New Years day	1 Jan.	1.	Friday
2.	Death Anniversary of Maharaja Gambhir Singh	9 Jan.	1	Saturday
3.	Imoinu Iratpa	25 Jan	1	Monday
4.	Republic Day/ Gaan- ngai	26 Jan	1	Tuesday
5.	Lui - ngai - ni	15 Feb.	1	Manday
6.	Yaoshang	29 March - 1st April	4	Mon. - Thur
7.	Good Friday	2 April	1	Friday
8.	Baruni	9 April	1	Saturday
9.	Sajibu nongmapanba	13 Apri	1	Tuesday
10	Cheiraoba	14 April	1	Wednesday
11.	Khonggjom Day	23 April	1	Friday
12.	May Day	1 May	1	Saturday
13.	Idul - Fiter	14 May	1	Friday
14.	Summer Vacation	1 - 30 June	30	Tue - Wed
15	Rathajatra	12 July	1	Monday
16	Kanglen	19 July	1	Monday
17.	Idul - Zuha	21 Julyt	1	Wednesday
18.	Patriots Day	13 August	1	Friday
19	Jhuloo Houba	18 August	1	Wednesday
20.	Krishna Janma	30 August	1	Monday
21	Radha Asthmi	14 Sept.	1	Tuesday
22	Vishwakarma Pujah/ Heigruhidongba	17 Sept.	1	Friday
23.	Tarpon Houba	22 Sept.	1	Wednesday
24.	Irawat Birth day	30 September	1	Thursday
25	Gandhi Jayanti	2 October	1	Saturday
26	Tarpon Loiba	6 Oct.	1	Wednesday
27.	Mera Chaoren houba	7 October	1	Thurday
28.	Durga Pujah	12 - 14 October	3	Tue - Thur
29.	Milad - un - Nabi	19 October	1	Tuesday
30.	Mera Houchongba	20 October	1	Wednesday
31	Kut Festival	1 Nov.	1	Monday
32.	Diwali, Gobardhon Puja & Ningol Chakouba	4 - 6 Nov	3	Thu. - Sat.
33	Mera Waphukpa	19 Nov	1	Friday
34.	Winter Break	21-31 December	11	Tue. - Fri

Total = 80 days (only eighty days)

18-01-2021

(Dr. O. Premila Chanu)
Principal,
Modern College, Imphal

Principal
Modern College, Imphal

O. Short Term/Add-in Course:

Meitei-Mayek Short-Term or Add-in Course is opened in the department. It has been encouraging students of different subjects to learn the script (Meitei-Mayek) by enrolling themselves for the course. Presently two faculties are engaged to impart the scrip over 100+ students.

P. Capacity Building:

With the students' participant, capacity building activities like focus group meeting or group discussion, and class room observation are performed to understand where we are, what to achieve. To encourage policy dialogue, cooperation, networking and exchanges of practices among the students activity like seminar were conducted. Students enrolled in respective semester in the department are distributed among the faculty for mentorship.

Capacity building, as the process of developing and strengthening, confidence, skills, knowledge and resources for both students and teachers help to grow and strive in a fast-changing world.

Q. Best Practices:

Teachers always stay proactive ensuring the next teaching activity and set up before a current one ends. Encourage communication by asking frequently if students understand what they are being taught. Teacher act as a role model for the student always cross over teaching through collaboration, revamp lesson plans, brainstorm with other educators and add technology by using smart boards. On the needs basis, audio-visual technique is adopted among the educators for effective learning outcomes. Particularly during the course of online classes, we break learning into smaller chunks with proper set up of activity and due dates through technical support information.

R. Institutional/Departmental Distinctiveness:

Modern College, Imphal is the first NAAC accredited college in Manipur. Apart from various existing departments of both Science & Arts subjects the college is opening B.Voc diploma course for different professional line. Other than college infrastructural build-up, college has a world class swimming pool within it campus to promote and cater the need of the time. Volleyball court, vast playground and big green campus can be cited why Modern College is excellent place for learning.

It is a co-educational institute offering degree course in diverse science & arts subject. Experienced and qualified teaching and non-teaching staffs of the college remain as a driving force for students from different background and communities to mould themselves in the right career path.

Geography Department is utilised as a student's Grievance Redressal Cell that continuously endow with inputs to redress the student academic related problems. Department faculties were assigned to look after the student's grievances accordingly that faculties of the department performed the duty effectively from time to time. Department has a mini library with 20 geographical textbooks and 16 reference books. Department offered BA/BSc degree course in geography subject. Presently, it has strength of 110 honours student. It is managed and run by qualified and experience faculties by adopting innovative teaching methods to help students to remember every concept. Department has 6 publication in reputed journals, contributed paper in 3 edited books apart from having published book on Agricultural Geography of North East India. Teachers were participated in various workshop, state/national seminar and international conference through offline and online. Department owned practical instruments and materials likes Theodolite, Dumpy Level, Arial Photos, Satellite Images, weather maps, Toposheet maps, Chain and Tape Survey equipment, and others apparatus required for the practical. Mentorship, feedback system and student awards are others distinctiveness carried out by the department from time to time.

Recent Geotagged/untagged Photograph:

1. Practical room while conducting practical class:


GNANG
HONG
Google
Imphal, Manipur, India
Khongnang Makhong Rd, Thawanthaba Leirak, Khongnang Makhong, Imphal,
Manipur 795005, India
Lat N 24° 48' 29.0268"
Long E 93° 57' 40.6332"
21/12/20 12:41 PM

During Theodolite Survey, Dept. of Geography, Modern College, Imphal

During Dumpy Level Survey, Dept. of Geography, Modern College, Imphal

2. Faculty & Staff Group Photo:

Standing (L-R) Dr.Seitinthang, M. ThanggimangHaokip, TumtinSonmangKoren, Oxford Seating (L-R) N. BabitaChanu, E. Anjushree Devi.

3. Classroom's Lecture:

<u>Lab Attendant:</u> Mr. W. Oxford at work.

4. Field Trip/Study Tour:

Internal Field Trip at Maphou Kuki Village, Maphou Dam, Kangpokpi District, Manipur (2019)

Golf Course, Shillong, Meghalaya (External Study Tour 6th Semester Honour Student, 2019)

Red Fort, Old Delhi (On the way to Shimla, Himachal Pradesh for External Field Trip, 2020)

The Ridge, Shimla (External Study Tour, 2020)

5. Extracurricular Activities:

Students of Geography Department actively involved in extracurricular activities. Students enrolled as NSS volunteer, NCC cadets, member of Environmental Clubs, Youth Red Cross volunteer to developed discipline and rendering voluntary service to the society or community in time of need. One of the department teachers is appointed as Programme Officer of Youth Red Cross (YRC) College Unit, Modern College, Imphal. Teachers guided the students and encouraged by letting them participated in the district and state level inter college competitions like painting, debate, drama, quiz, cultural events etc. As a member of the various colleges' committee, teachers serve the college at different level for its development and smooth functioning.

6. Outreach to other places:

Name: Tumtin Sonmang Koren, Asst. Professor, Dept. of Geography, Modern College, Imphal. A public lecture on the Environmental Degradation at Conference Hall, KYO Office, Lamphel, 2019.

Name: Tumtin Sonmang Koren, Asst. Professor, Dept. of Geography, Modern College, Imphal
As Chief Guest at the Opening Ceremony of the 37th Annual Sports Meet, 2019 (Kamu Chingsang Area) on 25th Feb. 2019.

Name: Tumtin Sonmang Koren, Asst. Professor, Dept. of Geography, Modern College, Imphal Community lecture on How to protect from the COVID-19, Kamu Koireng Village, KPI Dist, Manipur.

Name: Dr.Lh. Seitinthang, Asst. Professor, Dept. of Geography, Modern College, Imphal
As resource person at felicitation programme for class X & XII passed out students of Ukhrul District, Manipur. Organised by Kuki Students' Organisation, Ukhrul District, Manipur.

Name: Dr.Lh. Seitinthang, Asst. Professor, Dept. of Geography, Modern College, Imphal

Lecture at Manipur University on career choice for PG student organised by Manipur University Evangelical Fellowship (MUEF).

Name: Dr.Lh. Seitinthang, Asst. Professor, Dept. of Geography, Modern College, Imphal. As a resource person at felicitation programme for board exam passed out students.

Name: Dr.Lh. Seitinthang, Asst. Professor, Dept. of Geography, Modern College, Imphal Presented paper on Enjakhup Kuki at a public discourse organised by the Anglo-Kuki War (1917-1919), Centenary Celebration Committee, 2020.

Name: Dr.Lh. Seitinthang, Asst. Professor, Dept. of Geography, Modern College, Imphal As teacher-in-charge, external study tour, 2020, Modern College at Tsomgo Lake, Sikkim.

Name: E. Anjushree Devi, Assistant Professor, Dept. of Geography, Modern College, Imphal. As resource person in public extension program on National Youth Day, 2021 at Wakha Village, Imphal East, organised by NSS Cell, Modern College, Imphal under theme: "Channelizing Youth Power for nation Building"

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