

Annexure 1

**MINUTES OF THE FIRST MEETING OF THE GEOGRAPHY BOARD OF STUDIES HELD AT
PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

Date: 10th January 2015

Time: 10:00 am to 4:00 p.m.

Venue: Photogrammetry and Research Lab (A-313)

The Chairman, Dr. Nandkumar N. Sawant welcomed and introduced all the members. The meeting began with a brief overview on the efforts taken by the college towards autonomy, by the Chairman. He presented the agenda and explained the course structure. The meeting started at 10:30 am and ended at 4:00 pm.

AGENDA

1. To approve the list of core and elective courses for undergraduate program in Geography for B.A.
2. To approve the syllabi of Semester I and Semester II of B.A. Geography for the academic year 2015-16.
3. Recommend panel of examiners to the Academic Council.
4. Any Other Business (A.O.B.)

Details of the discussion

1.	AGENDA 1: To approve the list of core and electives courses for undergraduate program in Geography at B.A. The following suggestions were made:
1.1	<ol style="list-style-type: none"> i. Dr. Surendra Thakurdessai suggested that the paper title of GEG-VI.E-14: Trade and Transport Geography of Semester VI should be changed to Geography of Trade and Transport. ii. Dr. Surendra Thakurdessai suggested that the paper title of GEG-VI.E-15: Tourism Geography of semester VI should be changed to Geography of Tourism.
1.2	Resolution on the proposed course: The proposed list of core and elective courses for UG programme in Geography under Autonomy for the academic year 2015 -16 is approved unanimously, following the changes made, by the members of Board of Studies present at the meeting.
2.	AGENDA 2: To approve the syllabi of Semester I and Semester II at F.Y.B.A. for the academic year 2015 – 2016
2.1	Paper Title: Introduction to Geography (Theory) Paper Code: GEG- I.C 1

	<ul style="list-style-type: none"> i. Mrs. Anagha Bicholcar suggested that Unit I should include Major themes in Geography – location, region process, space and time. ii. Mrs. Anagha Bicholcar suggested that in Unit II the topic Elements of Weather and Climate should be changed to Inter-relationship between Elements of Weather and Climate. iii. Dr. Surendra Thakurdessai recommended that the topic Structure of Earth & Composition should be omitted from Unit III and a topic on Evolution of Earth should be included. iv. Dr. Nandkumar Sawant suggested to exclude Soil Profiles from Unit III and insert Hypsometric Curves and Bathymetric Curves v. Dr. Surendra Thakurdessai suggested that Spatial Distribution of Water on Earth Surface needs to be included in Hydrosphere in Unit III. vi. Dr. Sanjay Gaikwad noted that Publisher name should be added in reference books
2.2	<p>Paper Title: Measurement Systems in Geography (Practical) Paper Code: GEG- I.C 1</p> <ul style="list-style-type: none"> i. Dr. Surendra Thakurdessai suggested that students should go for a bridge course on Basics of Arithmetic Operations ii. Dr. Sanjay Gaikwad suggested to include Identification of Location and Extension based on Latitude and Longitude in Unit – I iii. Mr. A. Ashish suggested that Grid Reference System and Georeferencing can be excluded from Unit – II, since Identification of Location and Extension based on Latitude and Longitude is already covered in Unit – I iv. Dr. Pravina Kerkar suggested changes in Practical Session and Marks distribution as follows: <ul style="list-style-type: none"> - Unit I : Sessions – 10; Marks – 15 - Unit II : Sessions – 5; Marks – 5 v. Dr. Nandkumar Sawant suggested to add Book by K. P. Mishra and Gopal Singh in the references and to remove Fundamentals of Cartography by R. P. Mishra
2.3	<p>Paper Title: : Fundamentals of Physical Geography (Theory) Paper Code: GEG- I.C 2</p> <ul style="list-style-type: none"> i. Dr. Pravina Kerkar suggested that the second line in course objective should be deleted, since it was not necessary. ii. A few grammatical errors were rectified. iii. Mr. A. Ashish suggested that Unit – I Topic Layers of the Earth, should include Soil: Definition and Profile instead of Soil Types. iv. Dr. Surendra Thakurdessai and Dr. Pravina Kerkar suggested that Climatic factors and their interrelationships with elements should be deleted from Unit II v. Dr. Nandkumar Sawant suggested that the subtitle Hydrosphere of Unit III should be changed to Oceans vi. Dr. Pravina Kerkar suggested to mention Indian and Atlantic Ocean in the topic Surface Currents in Unit – III vii. Dr. Surendra Thakurdessai suggested to replace Marine Resources in Unit III with Types of Marine Resources viii. Dr. Surendra Thakurdessai and Mr. A. Ashish recommended that the topic Hypsometric Curve and Bathymetric Curve can be excluded from Unit III, since it

	would be too vast. ix. Dr. Nandkumar Sawant suggested exclusion of the book Physical Geography by Strahler, A.N. from the references
2.4	<p>Paper Title: Practical in Physical Geography Paper Code: GEG- I.C 2</p> <ul style="list-style-type: none"> i. Dr. Nandkumar Sawant suggested changes in Course Objective and Learning Outcomes ii. Dr. Pravina Kerkar asked to incorporate Profile Drawing from Contour Diagram in Unit I iii. Dr. Nandkumar Sawant suggested that Drawing of Climograph and Hythergraph from Unit II should be omitted. vi. Dr. Pravina Kerkar suggested changes in Practical Session and Marks distribution as follows: <ul style="list-style-type: none"> - Unit I : Sessions – 10; Marks – 15 - Unit II : Sessions – 5; Marks – 5 vii. Dr. Nandkumar Sawant suggested that references should be given according to the standard format
2.5	<p>Paper Title: Basics of Human Geography (Theory) Paper Code: GEG-II. C 3</p> <ul style="list-style-type: none"> i. Dr. Nandkumar Sawant and Dr. Surendra Thakurdessai suggested changes in Learning Outcome ii. Dr. Nandkumar Sawant recommended that the topic Man and Environment relationship-Determinism, Possibilism, Neo-determinism, Probabilism should be deleted from Unit I iii. Mrs. Anagha Bicholcar suggested to specify the approaches in Human Geography i.e. humanistic, scientific, welfare and behavioral in Unit I iv. Dr. Surendra Thakurdessai and Dr. Pravina Kerkar suggested to change the second topic as Concepts of Under-population, Overpopulation, Age-Gender, Fertility, Migration and Ageing Population and to exclude causes, types and effects in Unit II v. Dr. Nandkumar Sawant and Mrs. Anagha Bicholcar recommended deletion of the topics Cultural Diffusion and Cultural realms from Unit III vi. Dr. Nandkumar Sawant suggested adding a note at the end of paper saying that the course should focus on basic conceptual aspects. vii. Dr. Nandkumar Sawant recommended a book by Arun Kumar Sharma (2012) in the references
2.6	<p>Paper Title: Practicals in Human Geography Paper Code: GEG-II. C 3</p> <ul style="list-style-type: none"> i. Mrs. Anagha Bicholcar rectified grammatical errors in Learning Outcome ii. Dr. Nandkumar Sawant suggested to replace the word Natality with Fertility in Unit I iii. Mrs. Anagha Bicholcar pointed out that Journal Marks were not entered. iv. The members changed the marks distribution to 10 marks for each Unit and 5 marks for Journal
2.7	<p>Paper Title: Basics of Regional Geography Paper Code: GEG-II. C 4</p>

	<ul style="list-style-type: none"> i. Dr. Nandkumar Sawant recommended changes in Course Objective and Learning Outcome ii. Dr. Surendra Thakurdessai suggested changes in Unit II as follows: <ul style="list-style-type: none"> - Foundations of Regional Geography- Ecological, Economic, Social and Cultural Dimensions - Regional Consciousness and Identity. - Region and Political issues. (Two case studies) iii. In Unit III, Dr. Surendra Thakurdessai and Mrs. Anagha Bicholcar suggested replacing the topic Forms and the Evolution of Regional Organization: evolution of Forms of Regional Organization, Societies within a State. The Regional Organization of Traditional Societies. Forms of Regional Organization Stemming from the Industrial Revolution with Study of Regional Organization ASEAN, and EU: their evolution, functions and inter-linkages. However it was suggested that the topic Globalization and the New Territorial Order should be retained.
2.8	<p>Paper Title: Practical in Regional Geography Paper Code: GEG-II. C 4</p> <ul style="list-style-type: none"> i. Dr. Nandkumar Sawant suggested that Unit I should be re-titled as Methods of Regional Demarcation ii. Dr. Nandkumar Sawant suggested inclusion of topics Breakpoint Analysis, Interpolation, Weightage Matrix Analysis, Value-based Demarcation, Matrix and Composite Indexing and deletion of Industrial Location Analysis and regional Multiplier Analysis from Unit I iii. Dr. Sanjay Gaikwad recommended including Sphere of Urban Influence and Population Potential Surfaces in Unit I
2.9	<p>Resolution on the proposed syllabi: The proposed syllabi of semester I and semester II for the academic year 2015-16 is approved unanimously, following the changes made, by the members of Board of Studies present at the meeting.</p>
3	<p>AGENDA 3: Recommend panel of examiners to the Academic Council:</p>
3.1	<ul style="list-style-type: none"> 1. Dr. P. K. Rath Associate Professor Department of Geography, Government College, Khandola, Marcel, Goa 2. Dr. K. R. Badiger Associate Professor Department of Geography, Government College, Sanquelim, Goa 3. Dr. Prakash Morkar Associate Professor Department of Geography, C.E.S. College, Cuncolim, Goa 4. Dr. Pravina Kerkar Associate Professor Department of Geography, Government College, Khandola, Marcel, Goa

	<p>5. Ms. Josephine Dias Associate Professor Department of Geography, Government College, Quepem, Goa</p> <p>6. Ms. Charmaine Lewis e Pereira Assistant Professor Department of Geography, Government College, Quepem, Goa</p> <p>7. Ms. Maria Rodrigues Assistant Professor Rosary College, Navelim, Goa</p> <p>8. Dr. Nandkumar N. Sawant Associate Professor Department of Geography & Research Centre Parvatibai Chowgule College of Arts & Science, (Autonomous), Margao - Goa</p> <p>9. Mrs. Anagha Bicholcar Assistant Professor Department of Geography & Research Centre Parvatibai Chowgule College of Arts & Science, (Autonomous), Margao – Goa</p> <p>10. Dr. Sanjay Gaikwad Assistant Professor Department of Geography & Research Centre Parvatibai Chowgule College of Arts & Science, (Autonomous), Margao - Goa</p> <p>11. Mr. A. Ashish Assistant Professor Department of Geography & Research Centre Parvatibai Chowgule College of Arts & Science, (Autonomous), Margao - Goa</p> <p>12. Mr. Adrian Ferro Assistant Professor Department of Geography & Research Centre Parvatibai Chowgule College of Arts & Science, (Autonomous), Margao - Goa</p>
3.2	<p>Resolution on the proposed panel of examiners to the Academic Council: The recommended list of examiners was unanimously approved by the members of Board of Studies present at the meeting.</p>
4	<p>ANY OTHER BUSINESS</p>

4.1	<p>To approve the syllabi of Semester I and Semester II of Environmental Studies for the academic year 2015-2016</p> <p><u>Semester – I:</u></p> <ol style="list-style-type: none"> i. The members noted that Paper Code is not assigned. The same will be assigned by the college ii. Last sentence from Learning outcome was deleted iii. Local case study on mining, tourism and environment was deleted from Unit I and added in Unit II and IV iv. In Unit II, the numerical sub-ordering of resources was cancelled and was re-written in sentenced form v. Dr. Nandkumar Sawant and Mrs. Anagha Bicholcar suggested to add 'Case Study of Mining and Environment for Mineral Resources and Case Study of Coastal Region and Tourism for Land Resources' in Unit II vi. Unit IV – subtopic 1 was reframed as What is biodiversity and Species vii. Case study of Western Ghats was added to subtopic 2 in Unit IV viii. Unit IV – last topic was reframed as Threats and Conservation of Biodiversity and Policy Issues <p><u>Semester – II:</u></p> <ol style="list-style-type: none"> i. Dr. Nandkumar Sawant reframed the Learning Outcomes. ii. In Unit I, environmental pollution and its types were added as case studies specific to urban areas iii. Dr. Nandkumar Sawant recommended deletion of Radioactive and Thermal Pollution from Unit I and inclusion of Case Study on Water Pollution iv. In Unit II, Dr. Nandkumar Sawant suggested that topic on Population Growth should be limited to India and remove World and Goa v. In Unit II, Dr. Nandkumar Sawant suggested that the topics Population – resource ratio and Population explosion – causes, consequences should be excluded vi. In Unit II, Dr. Surendra Thakurdessai suggested to replace the topic Solid Waste Management with Urbanization and its Effect on Environment – Solid Waste Management, Slums and Coastal Zone Management. vii. In Unit II, Dr. Surendra Thakurdessai suggested to exclude Energy problems in urban areas – causes and consequences viii. Dr. Nandkumar Sawant recommended shifting of Role of Information Technology in Environmental Management from Unit II to Unit III ix. Mr. A. Ashish suggested to omit Resettlement & rehabilitation of displaced population – Case study from Unit III x. Subtopics Climate Change, Global Warming, Ozone Depletion and Acid rain were reframed as Climate Change and its Effects: Causes, consequences and remedial measures of Global warming, Ozone depletion and Acid rain xi. Dr. Surendra Thakurdessai suggested to add latest Protection Acts in Air, Water, Forest, Wildlife (Preservation and Control)
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4.2	<p>Resolution on the proposed syllabi: The proposed syllabi of semester I and semester II Environmental Studies for the academic year 2015-16 is approved unanimously, following the changes made, by the members of Board of Studies present at the meeting.</p>
4.3	<p>To propose and approve the syllabi of M.A. Geography for the academic year 2015-2016</p> <p>i. No changes were suggested</p>
4.4	<p>Resolution on the proposed syllabi: The proposed syllabi of M.A. Geography for the academic year 2015-16 is approved unanimously, by the members of Board of Studies present at the meeting.</p>
4.5	<p>Recommend panel of examiners for Postgraduate Courses to the Academic Council:</p> <ol style="list-style-type: none"> 1. Sulochana Shekar Associate Professor School of Earth Sciences, Department of Geography, Central University of Karnataka, Gulbarga 2. Dr. S. D. Pardeshi Associate Professor Department of Geography, University of Pune, Pune 3. Dr. Lokesh T. Nayak Associate Professor Department of Geography, Karnatak University, Dharwad 4. Dr. Abhay Patil Lecturer, RPD College, Belgaum 5. Dr. D. H. Pawar Assistant Professor, Department of Geography, Shivaji University, Kolhapur 6. Dr. Surendra Thakurdessai Vice-Principal R.P. Gogate and R.V. Jogalekar College, Ratnagiri, Maharashtra 7. Jagadish Sapkale Assistant Professor Shivaji University, Kolhapur, Maharashtra

	<p>8. Sachin Panhalkar Associate Professor Shivaji University, Kolhapur, Maharashtra</p> <p>9. Dr. F. M. Nadaf Associate Professor Department of Geography, Shree Mallikarjun College, Canacona, Goa</p> <p>10. Dr. P. K. Rath Associate Professor Department of Geography, Government College, Khandola, Marcel, Goa</p> <p>11. Dr. K. R. Badiger Associate Professor Department of Geography, Government College, Sanquelim, Goa</p> <p>12. Dr. Prakash Morkar Associate Professor Department of Geography, C.E.S. College, Cuncolim, Goa</p> <p>13. Ms. Josephine Dias Associate Professor Department of Geography, Government College, Quepem, Goa</p>
4.6	<p>Resolution on the proposed panel of examiners to the Academic Council: The recommended list of examiners was unanimously approved by the members of Board of Studies present at the meeting.</p>

The meeting ended at 4:00 p.m., with a vote of thanks by the Chairman.

The following members of the Board of Studies in Geography were present for the meeting:

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| 1. Dr. Nandkumar N. Sawant | - Chairman |
| 2. Mrs. Anagha C. Bicholcar | - Member |
| 3. Dr. Sanjay Gaikwad | - Member |
| 4. Mr. A. Ashish | - Member Secretary |
| 5. Mr. Adrian Ferro | - Member |
| 6. Dr. Surendra Thakurdessai | - Academic Council Nominee |
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| 7. Dr. Pravina Kerkar | - Academic Council Nominee | -Member |
| 8. Ms. Mallica Desai | - Alumni | -Member |

Two members of Board of Studies in Geography, the Vice-Chancellor (Goa University) Nominee, Dr. Ambadas Jadhav and representative from Industry/Corporate sector, Mr. Amarsh Chaturvedi, conveyed their inability to attend the meeting and were thus absent for the first meeting of Board of Studies in Geography.

Dated : 16/01/2015



Dr. NANDKUMAR N. SAWANT
Chairman
Board of Studies in Geography



Mr. A. ASHISH
Member Secretary
Board of Studies in Geography