

**Minutes of the First Meeting of the Board of Studies
in Geography 2024-25**

Minutes of the First Meeting of Board of Studies in Geography held on 15/02/2025 at 11.00 a.m. online at Google Meet Platform of Vivekanand College, Kolhapur (An Empowered Autonomous Institute).

List of Members:

<u>Sr. No.</u>	<u>Members Present:</u>	<u>Position held</u>
1.	Dr. G. S. Ubale	Head & Chairperson
2.	Dr. Shubhangi S. Kale	Faculty Members, Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
3.	Dr. Nisha Surve	
4.	Dr. Siddharth Ghoderao	
5.	Dr. Vitthal Patil	
6.	Dr. Vaishali Palkar	
7.	Prof. Dr. Vinod R. Veer	VC Nominee, Prof. & Head, Kisan Veer Mahavidyalaya, Wai Dist: Satara
8.	Dr. Nilesh Susware	Representative of Industry, Chairman, Mantra Geo-solutions
9.	Dr. Kailas Patil	Faculty Member, Vivekanand College, Kolhapur (An Empowered Autonomous Institute)
10.	Prof. Dr. B. S. Jadhav	Special Invitee, Head, Dept. of Geography, Shri. Vijaysinh Yadav College, Pethwadgaon

Item No. 1: 1. Confirmation of the minutes of the last meeting.

The members of the BOS Confirmed the minutes of the last meeting framing including course titles and draft Syllabus of B.A. III (Geography) syllabi under NEP 1.0, course titles and draft Syllabus of B.A. II (Geography) under NEP 2.0, draft syllabus of the M.A. Part II were reviewed and confirmed.

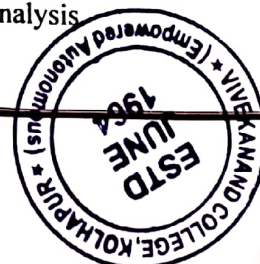
Item No. 2: To finalize the Course Outcomes and course titles and Syllabus of B.A. III (Geography) syllabi under NEP 1.0, to be introduced from the academic year 2025-26.

The members of the BOS discussed and updated the syllabus in alignment with industry, academics, and research requirements. The following syllabus was finalised and updated:

Resolved that: The CBCS syllabus for B.A. Part-III Geography, Semester-V and VI, DSCC (Discipline Specific Core Course) is finalised as follows:

Semester V:

- **Paper No. V: Agricultural Geography** – Focus on concepts, determinants, modern technologies, and Green Revolution.
- **Paper No. VI: Basics of Map Making and SOI Map Interpretation** – Includes fundamentals of map scales, projections, and SOI map analysis



- **Paper No. VII: Landform Analysis, Statistical Methods & Surveying** – Covers relief representation, slope analysis, statistical techniques, and surveying methods.

Semester VI:

- **Paper No. VIII: Economic Geography** – Emphasis on industrial location theories, trade, and transport systems.
- **Paper No. IX: Urban Geography** – Covers urbanization trends, models of urban structure, and urban issues.
- **Paper No. X: Advanced Tools, Techniques & Field Work in Geography** – Introduces GIS, Remote Sensing, and GPS applications.

Proposed by: Dr. Shubhangi Kale, Dr. G. S. Ubale, Dr. B. S. Jadhav

Seconded by: Dr. Nilesh Susware, Dr. Kailas Patil, Dr. Nisha Surve

Item No. 3: To finalize the Course Outcomes and course titles and Syllabus of B.A. II (Geography) syllabi under NEP 2.0, to be introduced from the academic year 2025-26.

The members of the BOS reviewed and discussed the structure and content of the syllabus for B.A. II Geography under NEP 2.0. Based on academic relevance and industry demands, the syllabus was finalized with the following subjects:

Resolved that: The CBCS syllabus for B.A. II Geography, Semester-III and IV, DSCC (Discipline Specific Core Course) is finalised as follows:

Semester III:

- **Geography of Maharashtra** – Focus on physiography, climate, drainage, soils, natural vegetation, and economic activities.
- **Soil Geography** – Covers soil formation, properties, classification, degradation, and management techniques.

Semester IV:

- **Geography of India** – Detailed study of landforms, climate, natural resources, and population.
- **Hydrology** – Includes groundwater, river systems, oceanography, and applied hydrology.

Proposed by: Dr. B. S. Jadhav, Dr. G. S. Ubale, Dr. Shubhangi Kale

Seconded by: Dr. Vitthal Patil, Dr. Vaishali Palkar, Dr. Siddharth Ghoderao

Item No. 4: To discuss the evaluation patterns of B.A. III courses and B. A. II courses to be introduced from the academic year 2025-26.

The members deliberated on the evaluation framework for B.A. II and B.A. III courses under NEP. A student-centric approach was emphasized, integrating continuous assessments, practical applications, and project-based evaluations. The following evaluation structure was agreed upon:

Resolved that: The evaluation pattern will consist of:

Theory Examinations:

- End-semester examination (40 Marks)
- Continuous Internal Assessment (10 Marks)
- Question paper structure to include multiple-choice questions, short-answer questions, and long-answer descriptive questions.

Practical and Project Work:

- Practical examination and field-based assignments

- Emphasis on GIS, remote sensing, and field survey techniques for applied learning.

Internal Assessment Components:

- Seminar presentations, group discussions, and research-based assignments.
- Case studies and field reports to enhance practical knowledge.
- Continuous assessment through quizzes, open-book tests, and student participation.

Item No. 5: To discuss the outline of the syllabus of the M.A. Part II to be introduced from the academic year 2025-26.

The members of the BOS discussed and reviewed the syllabus of M.A. Part II in Geography. It was agreed to adopt the syllabus structure from Shivaji University, Kolhapur, to align with academic advancements and industry requirements. The syllabus follows the Choice-Based Credit System (CBCS) and integrates modern geographical techniques, theories, and applications.

Resolved that: The syllabus for M.A. Part II Geography, Semester-III and IV, is finalised as follows:

Semester III:

- **Applied Climatology and Climate Change** – Study of atmospheric processes, climate change impact, and adaptation strategies.
- **Fundamentals of Remote Sensing and Digital Image Processing** – Introduction to satellite imagery and GIS applications.
- **Elective Courses:** Geography of Environment / Biogeography / Settlement Geography / Political Geography.
- **Research Methodology and Geographical Excursion** – Field research techniques, dissertation, and project work.

Semester IV:

- **Applied Geomorphology** – Study of landform processes and their implications.
- **Regional Planning and Development** – Focus on spatial planning, sustainable development, and policy implementation.
- **Elective Courses:** Fundamentals and Applications of GIS and GPS / Fundamentals of Soil Geography / Agricultural Geography / Tourism Geography / Geography of Health and Nutrition.
- **Advanced Practical in Remote Sensing and GIS** – Hands-on training in photogrammetry, GPS, and spatial analysis.

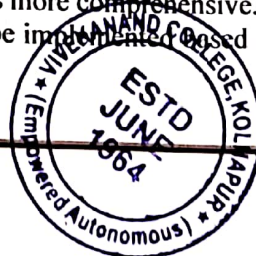
Proposed by: Dr. B. S. Jadhav, Dr. Vinod Veer, Dr. G. S. Ubale

Seconded by: Dr. Shubhangi Kale, Dr. Siddharth Ghoderao, Dr. Nisha Surve

Item No. 6: To discuss stakeholder feedback on the previous year's curriculum.

The members reviewed feedback from various stakeholders, including students, faculty members, and industry experts. Key observations included the need for greater emphasis on practical applications, increased integration of GIS and remote sensing, and updates to evaluation methods to make assessments more comprehensive.

Resolved that: The following modifications will be implemented based on stakeholder feedback:



1. **Enhanced Practical Components:** More hands-on training in GIS, remote sensing, and field studies will be incorporated into the curriculum.
2. **Industry-Academia Collaboration:** Guest lectures, workshops, and internships will be introduced to align the syllabus with industry requirements.
3. **Updated Evaluation System:** More weightage will be given to internal assessments, research-based assignments, and project work to encourage analytical thinking.
4. **Curriculum Refinement:** Some theoretical topics will be condensed to provide more space for application-based learning.

Proposed by: Dr. B. S. Jadhav, Dr. Nilesh Susware, Dr. S. S. Kale

Seconded by: Dr. Vaishali Palkar, Dr. Vitthal Patil, Dr. G. S. Ubale

Item No. 7: Any other matter with the permission of the chair.

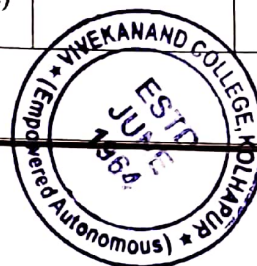
The following additional points were discussed:

1. **Introduction of Certificate and Add-on Courses:** The members proposed introducing short-term certification and add-on courses in specialized areas such as GIS, Remote Sensing, and Environmental Impact Assessment to enhance students' employability.
2. **Field Study and Excursions:** It was suggested that field visits and study tours be made a mandatory part of practical learning to provide experiential knowledge.
3. **Faculty Development Programs (FDPs):** Regular FDPs will be organized to keep faculty updated on the latest trends and advancements in geography and geospatial technologies.
4. **Interdisciplinary Collaboration:** The possibility of interdisciplinary courses and research collaborations with other departments such as Environmental Science, Geology, and Economics was explored.


Resolved that: The above suggestions will be considered for implementation in the upcoming academic sessions.

Attendance:

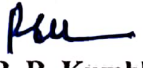
Sr.	Name of the Member	Name of the Institute	Representation Category	Online Attendance
1.	Dr. G. S. Ubale	Vivekanand College, Kolhapur (An Empowered Autonomous Institute)	Head & Chairperson	Present
2.	Dr. Shubhangi S. Kale	Vivekanand College, Kolhapur (An Empowered Autonomous Institute)	Faculty Member	Present
3.	Dr. Nisha Surve	Vivekanand College, Kolhapur (An Empowered Autonomous Institute)	Faculty Member	Present
4.	Dr. Siddharth Ghoderao	Vivekanand College, Kolhapur (An Empowered Autonomous Institute)	Faculty Member	Present
5.	Dr. Vitthal Patil	Vivekanand College, Kolhapur (An Empowered Autonomous Institute)	Faculty Member	Present



6.	Dr. Vaishali Palkar	Vivekanand College, Kolhapur (An Empowered Autonomous Institute)	Faculty Member	Present
7.	Prof. Dr. Vinod R. Veer	Prof. & Head, Kisan Veer Mahavidyalaya, Wai Dist: Satara 9422051976	VC Nominee	Present
8.	Dr. Ravindra Jaybhaye	Dept. of Geography, Pune University, Pune	Expert, Outside Parent University	Absent
9.	Prof. F. M. Nadaf	Principal Government College Borda Margao Goa (Autonomous)	Expert, Outside Parent University	Absent
10.	Prof. Dr. S. S. Panhalkar	Head, Dept. of Geography, Shivaji University, Kolhapur	Meritorious Alumna	Absent
11.	Dr. Nilesh Susware	Chairman, Mantra Geo-solutions	Representative of Industry	Present
12.	Dr. Kailas Patil	Vivekanand College, Kolhapur (Autonomous)	Faculty Member	Present
13.	Prof. Dr. S. D. Shinde	Dept. of Geography, Shivaji University, Kolhapur	Special Invitee	Absent
14.	Prof. Dr. B. S. Jadhav	Head, Dept. of Geography, Shri. Vijaysinh Yadav College, Pethwadgaon	Special Invitee	Present


Dr. G. S. Ubale
CHAIRMAN
BoS GEOGRAPHY
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)




Dr. R. R. Kumbhar
Principal
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

Screenshots of the meeting

1. Addressing Welcome

The top screenshot shows a Google Meet window with a presentation slide. The slide text reads: "Dissemination of 'Education for Knowledge, Science and Culture' - Shikshanmaharshi Dr. Bapuji Salunkhe", "Shri Swami Vivekanand Shikshan Sanstha's Vivekanand College, Kolhapur (An Empowered Autonomous Institute) NAAC Reaccredited 'A+' CGPA 3.29", "Department of Geography Board of Studies 15th February 2025", and "WEL-COME". The bottom screenshot shows a participant, Govardhan GS, speaking during the meeting. The meeting interface includes a sidebar with participant names: Shubhangi Kale, Dr. Balasaheb Jad..., Govardhan GS, Vitthal Patil, Mantra Geosoluti..., Dr. Siddharth Gho..., and Nisha Surve. The bottom of the window shows the Windows taskbar with the time 11:24 AM and 11:27 AM.



2. Agenda of the meeting

AGENDA

1. Continuation of the minutes of the last meeting.
2. To finalize the Course Outcomes, course titles and Syllabus of B.A. III (Geography) syllabus under NEP 1.0, to be introduced from the academic year 2025-26.
3. To finalize the Course Outcomes, course titles and Syllabus of B.A. II (Geography) syllabus under NEP 2.0, to be introduced from the academic year 2025-26.
4. To discuss the evaluation patterns of B.A. III courses and B.A. II courses to be introduced from the academic year 2025-26.
5. To discuss the outline of the syllabus of the M.A. Part II to be introduced from the academic year 2025-26.
7. To discuss stakeholder feedback on the previous year's curriculum.
8. Any other matter with the permission of the chair.

Participants: Dr. Balasaheb Jadhav, Vitthal Patil, Mantra Geosolutions, Dr. Siddharth Ghodasra, Nisha Surve, Shubhangi Kale (Presenting), Govardhan GS.

11:28 AM | Board of Studies in Geography, VI...

3. Agenda of the meeting: Remarks by Prof. Dr. Vinod Veer

Properties and Use:

- i) Zenithal Polar Gnomonic Projection
- ii) Zenithal polar Equidistant Projection
- iii) Zenithal Polar Equal Area Projection
- iv) Simple Conical Projection with one standard Parallel
- v) Mercator's Projection and Reference to Universal Transverse Mercator (UTM) Projection

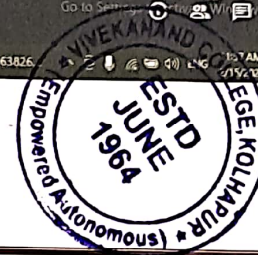
Module III: Topographical Maps

- 4.1 Development of Survey of India
- 4.2 Types or Indexing of S.O.I. Topographical Maps
- 4.3 Signs, Symbols and Colors used in SOI Toposheet

01115 Lecture

Participants: Dr. Balasaheb Jadhav, Mantra Geosolutions, Govardhan GS, Shubhangi Kale, Nisha Surve, 2 others, Vinod Veer.

11:57 AM | Board of Studies in Geography, VI...



4. Agenda of the meeting: Remarks by Prof. Dr. B. S. Jadhav

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Module IV Industries" with the following content:

Module IV	Industries	01(12 Lectures)
	4.1 Factors of Industrial Localization	
	4.2 Weber's theory of Industrial location	
	4.3 Parrox model	
	Digital tools for spatial analysis in Economic Geography	
	4.1 Introduction to Geographical technology in economic geography	
	4.2 Assessment of Economy trade Route using Geospatial technology	
	4.3 Evaluation of world trade routes using Geospatial technology	

The slide also includes a header "SA India - USSR, India-Japan" and a sub-header "Refer to Geo. By UGC". The bottom of the slide lists "Digital tools for spatial analysis in Economic Geography".

Participant avatars visible on the right side of the screen include: Dr. Balasaheb Jadhav, Mantra Geosolutions, Govardhan GS, Shubhangi Kale, Vitthal Patil, Dr. Siddharth Ghoderao, Vinod Veer, and Nisha Surve.

5. Agenda of the meeting: Remarks by Dr. Nilesh Susware

The screenshot shows a Google Meet interface with a grid of participant avatars. The participants visible are: Govardhan GS, Dr. Balasaheb Jadhav, Kailas Patil, Shubhangi Kale, Mantra Geosolutions, Dr. Siddharth Ghoderao, Vitthal Patil, and Nisha Surve.

