



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

M.Plan in Urban Planning (2021-2023)

SEMESTER 3

MPLN 301 - PLANNING STUDIO - III

COURSE CODE	Category	COURSE NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		L	T	P	CRED ITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MPLN 301	P	PLANNING STUDIO - III	-	-	-	200	200	-	-	10	10

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

The studio aims to expose the students to issues of urban planning and equip them with knowledge and techniques to enable them to analyse urban situations and develop logical decision-making processes to address the complex overlays of conceptualization, implementation and finance.

Course Outcomes (COs):

After completion of this course the students are expected to be able to demonstrate following knowledge, skills and attitudes.

- Working knowledge of how actual planning projects are functioning.
- Collaboratively develop planning solutions to real situations confronted by communities.
- Ability to carry out policy analysis and policy planning.

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COURSE CONTENT

- The focus of the studio is on management and governance aspects (in line with the other core and elective courses offered in the semester).
- The exercise pertains to metropolitan cities and mega cities and ranges from preparing management plans and projects related to various sectors pertaining to infrastructure, disaster risk, riverfront development etc.
- Students are also required to identify and formulate projects, work out the appraisals and do the feasibility, viability and implementation mechanisms of the projects.
- Students work on a case study town/city and have to visit the field for collection of data and interaction with city officials and stakeholders.
- Although planning continues to be an important aspect of the exercise, students are also exposed to project identification, formulation, and appraisal, financing mechanisms and institutional framework.
- Students draw from the theoretical knowledge provided in the core and elective subjects related to management, finance and governance offered in the semester and translate them in their studio exercise.
- The culmination of the exercise is in the form of group presentations and studio report.

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SEMESTER 3

MPLN 302 – URBAN DEVELOPMENT MANAGEMENT

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			THEORY			PRACTICAL		L	T	P	CRED ITS
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MPLN 302	TH	URBAN DEVELOPMENT MANAGEMENT	60	20	20	-	-	2	-	-	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

The course aims at introducing the concepts of urban development management and real estate market characteristics. Also to equip students with techniques of monitoring and personnel management

Course Outcomes (COs):

After the completion of the course the students should be able to:

- Explore efforts to manage, finance, and regulate delivery of services in planning units.
- Relate established projects on project management aspects
- Implement the required management and financial techniques for successful implementation of projects.

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Syllabus

Unit I

6HRS

- Introduction to Development Management
 - Concept, approaches, components, interface with national goals and political economic system.

Unit II

6HRS

- Urban Development Management
 - Strategies, Tools and Techniques; organizations involved

Unit III

10HRS

- Land and Real Estate Development
 - Economic concepts of land, Land Pricing / valuation;
 - Economic principles of land use;

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Unit IV

12HRS

- Demand forecasting for land use:
 - factors affecting land supply and demand;
 - Land development methods,
 - Supply Management,
 - Demand side Management;
 - Real estate markets, type of property development and its impact on supply and demand, method of development, environmental considerations.

Unit V

6HRS

- Information System and Urban Reforms
 - Spatial and Non - spatial information systems;
 - Urban reforms and acts and policies.

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References:

- Urban Development and Management, by S. S. Dhaliwal and S.L. Goe
- Urban land Economics / RATCHIFF, RICHARD U.
- Urban Law Economics: Principle and Policy / HALLETT, GRAHAM
- Planning for Profit / HOLDEN I & MALLORY K. PETER

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MPLN 303 - PROJECT PLANNING AND MANAGEMENT

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MPLN 303	TH	PROJECT PLANNING AND MANAGEMENT	60	20	20	-	-	2	-	-	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

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Course Educational Objectives (CEOs):

The objective of the course is to train the students in managing a project right from its conception to evaluation. The structure of the course has been so designed that it graduates from concept to application on all aspects of project management

Course Outcomes (COs):

After the completion of the course the students should be able to:

- Craft proposals for engagement with prospective city clients.
- Manage multiple, simultaneous projects from beginning to end, in line with client expectations.

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Syllabus

Unit I

6HRS

Project planning

- Introduction to Projects;
- Nature of planning projects;
- Project Life Cycle;
- Identification of projects

Unit II

10HRS

Project Formulation and Appraisal

- Relationship between projects and planning issues including sectoral policy at: Local, State and National levels
- Project appraisal: Market analysis – Macro environment survey, survey methods, market characterization, demand forecasting;
- Technical Analysis – Magnitude, processes, materials, equipment, factors of production availability, implementation schedule; suitability of the plans, layout and design, location of the project; location analysis; supporting infrastructure requirements- Capital Budgeting – Estimation of costing of components;

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- Developing over project cost;
- Social cost benefit analysis – UNIDO, Merles, ZOPP/GOPP, etc

Unit-III

10HRS

Project Management and Implementation, and Project Evaluation and Monitoring

- Project characteristics - pitfalls in management of a project;
- Techniques of management; Planning milestones - responsibility charts and principle responsibility, principles of activity planning;
- Project Implementation – methods, hurdles, facilitative factors; Project culture: line management, steering committee, role of project manager;
- Project Control: cost and time, quality - ISI standards and its application to Indian context; Introduction to Project Management Software (Ms Projects) and its usage.

Unit-IV

6HRS

Types of evaluation

- Concurrent, ex-ante and ex-post. Methods of evaluation, techniques of evaluation, end results, Presentation of evaluation findings, Techniques of Monitoring of Development Works.

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Unit-V

8HRS

Regulatory Frameworks Governing Projects

- National Rehabilitation and Resettlement Policy (2007) - Social Impact mitigation;
- National Environmental Policy (2006) – Environmental Impact Assessment (EIA)
- Environmental Management Plan (EMP)

Text Books:

- Project Management, Clifford F Gray et all, Tata Mc Graw Hill
- Construction Project Management, Kumar Neeraj Jha, Pearson Education
- Project Management – FAQ, G.P. Sudhakar, Goltatia Publication
- Project Management, Vinod M. Patel, Oxford Book Company
- Project Management, S. Choudhury, Tata Mc Graw Hill
- Project Management – A Managerial Approach, Samuel J. Mantel, Wiley India
- Essentials of Project Management, Ramakrishna Kamaraja, Phi Learning

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References:

- Project Management, R.C. Sinha, Alpha Publications
- Projects: Planning, Analysis, Selection and Review, Prasanna Chandra, Tata Mc Graw Hill
- Project Management for Business & Technology, John M Nicholas, Prentice Hall, India, Pvt. Ltd.
- Project Planning, Scheduling and Control, James P Lewis, Tata Mcgraw-Hill Publishing Co. Ltd.

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SEMESTER 3

MPLN 304 – URBAN GOVERNANCE

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MPLN 304	TH	URBAN GOVERNANCE	60	20	20	-	-	2	-	-	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

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Course Educational Objectives (CEOs):

The course aims at introducing the students to various governance frameworks at sub provincial level and resource mapping of local governments with special emphasis on municipal governments. The course would include Constitutional Provision for Local Finance, Municipal Finance, and Innovations in Local Resource mobilisation and Local Government fiscal regime

Course Outcomes (COs):

After the completion of the course the students should be able to have:

- Basic Knowledge of governance structure and fiscal backgrounds of the local governments.
- Ability to examine existing standards of planning practices in India

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MPLN 304 – URBAN GOVERNANCE

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Syllabus

Unit I

12HRS

Overview of Urban Governance

- Definition,
- concepts,
- components,
- government and governance,
- hierarchy and structure,
- forms of governance,
- process of inclusion and exclusion, layout plans..

Unit II

6 HRS

Legislations pertaining to Urban Governance

- Institutional frame and mechanism for urban governance as envisaged in the 73rd and 74th Constitution Amendment Acts.

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Unit-III

12 HRS

Institutions and Organizations

- Differences between institutions and organizations;
- approaches to understanding organizations;
- types of organizations, structure and functions, their interface and conflicts, reach, and their effectiveness;
- Methods, process and evaluation;
- Present organizations and involved in urban governance.

Unit-IV

10 HRS

Urban Local Governance and Participatory Processes

- System, structure, functions, powers, process and resource, performance, interface with NGO's, other agencies.
- Stakeholders' participation, roles and responsibilities, access to government by various stakeholders

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Text Books:

- Marcuse, P., J. Connolly, I. Olivo Magana, J. Novy, C. Potter, and J. Steil, eds. 2009. Searching for the Just City. New York: Routledge.
- Marquand, D. 2004. Decline of the Public: The Hollowing Out of Citizenship. Cambridge: Polity Press.

References:

- Christensen, K. 1985. "Coping with Uncertainty in Planning." Journal of the American planning Association 51 (1): 63–73.
- McMaster, R. 2002. "The Analysis of Welfare State Reform: Why the 'Quasi-markets' Narrative Is Descriptively Inadequate and Misleading." Journal of Economic Issues 36 (2): 769–94.
- Miller, M. 1998. Princesshay Exeter: Concept, Development and Context. Report commissioned by English Heritage.
- O'Neill, O. 2000. Bounds of Justice. Cambridge: Cambridge University Press.
- Osborne, D., and T. Gaebler. 1992. Reinventing Government. New York: Plume.

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SEMESTER 3

MPLN 305 – POLITICS AND PLANNING

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MPLN 305	TH	POLITICS AND PLANNING	60	20	20	-	-	2	-	-	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

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Course Educational Objectives (CEOs):

The course is an introduction to planning legislation practices in India and development of various acts in India. The aim is to develop an understanding of planning law that enables competent professional practice in addressing a range of complex planning issues.

Course Outcomes (COs):

After the completion of the course the students should be able to:

- Demonstrate knowledge of how planning intentions are implemented through policies, instruments and controls; Establish knowledge of how planning law shapes practice;
- Apply awareness of the importance of evidence and argument in preparing planning proposals.
- Propose planning solutions within the domain of various acts controls and legislations.

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M.Plan in Urban Planning (2021-2023)

MPLN 305 – POLITICS AND PLANNING

COURSE CODE	Category	COURSE NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		L	T	P	CRED ITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MPLN 305	TH	POLITICS AND PLANNING	60	20	20	-	-	2	-	-	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Syllabus

Unit I

10HRS

Interface between Politics and Planning

- Social and economic context;
- State in India – political culture of the Indian State – Centre – State – Local political economy: 74th Constitution Amendment Act, State Finance Commissions;
- Emergence of the State in the federal set up.

Unit II

12HRS

City and the State

- State as a manager of resources – property rights, norms and standards – Government market and market by Government – Regulatory State, Reforming State, and Rent Seeking State – their spatial implications;
- Development planning and the Indian state – Centralization, powerlessness and decentralization; spatial politics and competition;
- Politics of the State and bureaucracy;
- New State spaces, invited and contested spaces – changing role of the state

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Unit III

10 HRS

Politics related to Planning and Development

- Politics related to land, shelter, urban infrastructure, resources; Regeneration and redevelopment politics;
- politics of provision, financing and pricing;
- decision-making and decision taking

Unit IV

06HRS

Politics and Civil Society

- Politics and emergence of civil society – NGO, CBO and their role in planning, development and management, collective bargaining and collective action

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References:

- Chelliah, Raja. J and O.P.Mathur (1995): Operationalising Article 243Y of the Constitution (Seventyfourth)Amendment Act, 1992; National Institute of Public Finance and Policy; New Delhi.
- Crook, Richard. C (1999): To What Extent Can Decentralised Forms of Government Enhance theDevelopment of Pro- Poor Policies and Improve Poverty- Alleviation Outcomes.
- Davey, Kenneth (1989): Strengthening Urban Governance; Discussion Paper; Urban DevelopmentDepartment, The World Bank.
- Devas, Nick (2002) Issues in Fiscal Decentralisation: Ensuring Resources Reach the (Poor at) thePoint of Service Delivery; International Development Department; School of Public Policy; University of Birmingham
- Dillinger William (1993): Decentralisation and its Implications for Urban Service Delivery; UrbanManagement Program; UNDP/ UNCHS/ World Bank Publications.

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- Dutta, Abhijit (1999): Institutional Aspects of Urban Governance in O.P. Mathur (ed.) India- TheChallenges of Urban Governance; National Institute of Public and Policy, New Delhi.
- Jha, Shikha (2002): Strengthening Local Governments’ Rural Fiscal Decentralisation in India; Economic and Political Weekly; Vol. XXXVII; No. 36.
- Kundu Amitabh, S. Bagchi& D. Kundu (1999): Regional Distribution of Infrastructure BasicAmenities in Urban India- Issues Concerning Empowerment of Local Governments; Economic andPolitical Weekly; Vol. XXXIV; No.28.
- Litvak, J, J. Ahmad and R. Bird (1998): Rethinking Decentralisation in Developing Countries; SectorStudies Series; The World Bank; Washington DC.
- Lister, Stephen & Mary Betley (1999): Approaches to Decentralisation in Developing Countries;Background Paper for the MEFMI/ DFID Workshop on Good Practice in Public ExpenditureManagement, Capetown

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SEMESTER 3

MPLN 306 - SEMINAR

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			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MPLN 306	TH	SEMINAR	60	20	20	-	-	2	-	-	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

The purpose of dissertation is to introduce to students, the research methods and to develop competencies for critically examining topics of their interest and present them. This will be a preparatory stage for the terminal or thesis project.

Course Outcomes (COs):

After completion of this course the students would be able:

- To develop general ideas about the selection of their topics for thesis projects.
- To develop capabilities for framing research questions, structure of research, research strategy.
- To demonstrate abilities for critical analysis of the existing literature on related research topics.

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MPLN 306 - SEMINAR

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MPLN 306	TH	SEMINAR	60	20	20	-	-	2	-	-	2

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Syllabus

Unit I

06HRS

Research Methodology

Introduction to research and its significance.

Research Process: Types of Research; Research methods & Research methodology; Research Process; Review of literature, research statement; Research design – need, components, and considerations.

Unit II

09HRS

Data Collection

Data Collection & Sampling: Methods of Research, Interview Techniques: Questionnaires /Face to face Interviews / Internet survey. Designing a Questionnaire / Interview schedule. Visual Techniques: Observations (participant / nonparticipant / direct), activity mapping, accession/erosion trace observations, cognitive maps, etc. Content Analysis: Secondary data analysis. Understanding the relative advantages, disadvantages and application of various methods mentioned above and choosing a method appropriate for a research to achieve its objectives.

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Primary data; methods of data collection ; survey & observation; Questionnaires - types, aspects, sequence, Observation- types, characteristics, advantages, limitations etc., recording observations; Secondary data- sources, characteristics; Other Methods of Survey - visual, use of mechanical devices etc.; Sampling - need, significance, methods, classification, characteristics, determining sample size, time, event sampling etc.

Unit III

09HRS

Conducting Literature Review

- Preliminary literature review for identification of research gaps;
- Selection of topic, thesis statement, developing the thesis; developing research questions;
- Detail literature reviews to understand the current state of knowledge around a particular topic.

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Unit IV

07HRS

Developing an Argument

- What is an argument, argument structure and identification, validity and strength of arguments, common fallacies of reasoning, use and abuse of language in reasoning, principles of fair play in argumentation, respecting opposing positions, understanding different modes of persuasion; emotional, moral and rational.

Developing a Research Design

- Formulation of objectives, research methods relevant for individual topic, development of research methodology elaborating methods of primary data collection.

Unit V

09HRS

Report Writing

- Report writing, Type; characteristics of writing technical reports.
- Format of Reports: Preface, acknowledgements, contents, indexing, key word indexing, introduction, body terminal section, appendices, references;
- Writing style - introductory, developmental, transitional and concluding paragraphs, linguistic unity, coherence and cohesion, descriptive, narrative, expository and argumentative writing. Proofreading and editing.

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Text Books:

- Machi, L.A. and McEvoy, B.T. (2012) The Literature Review, Six Steps to Success, Sage, New Delhi.

References:

- Barnet, Sylvan. A Short Guide to Writing about Art (9th ed.; 2008)
- Barrass, Robert. Writing At Work \b a guide to better writing in administration, business and management, London: Routledge, 2003.
- Becker, Howard S. Writing for Social Carrier, David. Principles of Art History Writing (1991)

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MPLN 307 – GEO- INFORMATICS LABORATORY TRAINING

COURSE CODE	Category	COURSE NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		L	T	P	CRED ITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MPLN 307	P	GEO- INFORMATICS LABORATORY TRAINING	-	-	-	50	50	-	-	2	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

To familiarize the students with concepts, processes and current issues related to management. The emphasis would be placed on issues and challenges related to spatial planning sectors.

Course Outcomes (COs):

Syllabus

- GIS Mapping Coordinate system, Geo referencing and geo-coding; GIS data processing (Digitization, topology building and metadata creation), Data structures and modeling, GIS analysis (Buffer, proximity and overlay), Decision making through GIS, Information systems (Land Information system, Urban Information system for various activity sectors).

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MPLN 307 – GEO- INFORMATICS LABORATORY TRAINING

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MPLN 307	P	GEO- INFORMATICS LABORATORY TRAINING	-	-	-	50	50	-	-	2	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

- GIS Applications- Network analysis, digital elevation model (DEM) and digital terrain model (DTM) Geospatial analysis, internet GIS, decision support system(DSS), automated mapping and facility management (AM/FM), open GIS overview, customization of geo information; Inputs into and integration with housing project formulation and design studio exercise
- Topography and Landforms; Digital Change Detection; Suitability Analysis; Landuse / Landcover Analysis; Use of GIS Data Focusing on Urban and Regional Planning

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References:

- Advanced Surveying: Total Station, GIS and Remote Sensing, Satheesh Gopi, Pearson
- Applied Remote Sensing in Urban Planning, Governance and Sustainability, Netzbund, Springer, India
- Environmental Modelling with GIS and Remote Sensing, Andrew Skidmore et al, CRC Press
- Geographic Information Systems and Science, PA Longley et al, John Wiley and Sons Ltd.
- GIS, Spatial Analysis, and Modelling, David J Maguire et al, ESRI Press
- Landuse Change Detection using GIS, Remote Sensing and Spatial Matrices, Mesfin TBekalo et al, Lap Lambert Academic Publications
- Lans Sustainability Evaluation using GIS and Remote Sensing Technology, MezenziaMengist, Vdm Verlag
- Remote Sensing and GIS Integration: Theories, Methods and Applications, Qihao Weng, McGraw Hill Professional
- Remote Sensing and GIS, Basdudeb Bhatta, Oxford University Press
- Remote Sensing and Image Interpretation, Thomas M Lillesand et al, John Wiley and Sons Ltd.

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