

SNo	Items	Price (Rs)	Qty	Amount
1	IITK-BMTPC Earthquake Tips: Targeted at stakeholders in the building and construction industry, this very popular series introduces the basics of earthquake resistant design concepts in a simple and easy to understand format. Author: C.V.R. Murty. <i>56 pages in colour.</i> ISBN: 81-904190-2-1	150		
2	Seismic Conceptual Design of Buildings – Basic principles for engineers, architects, building owners, and authorities: This monograph conveys the concept of earthquake resistant design of buildings in a very simple and pictorial style. Authors: Hugo Bachmann. <i>84 pages in colour.</i> ISBN: 81-904190-0-5	200		
3	AT RISK: The Seismic Performance of Reinforced Concrete Frame Buildings with Masonry Infill Walls: A tutorial developed by a committee of the World Housing Encyclopedia, a project of the Earthquake Engineering Research Institute and the International Association for Earthquake Engineering. Authors: C. V. R. Murty, Svetlana Brzev, Heidi Faison, Craig D. Comartin and Ayhan Irfanoglu. <i>80 pages in colour.</i> ISBN: 1-932884-22-X ¹	200		
4	Earthquake-Resistant Confined Masonry Construction: Presents confined masonry construction as an alternative form of masonry construction in seismic areas. It contains a review of the international state-of-the-practice as well as guidelines for construction of new structures. Authors: Svetlana Brzev. <i>81 pages.</i> ISBN: 978-81-906130-0-2	100		
5	Guidelines for Earthquake Resistant Non-Engineered Construction: This monograph of the International Association for Earthquake Engineering covers masonry, earthen, wooden and reinforced concrete buildings. The simple, presentation style enables the common man to apply these techniques in non-engineered constructions. <i>Available in English and Hindi versions. 114 Pages.</i> ²	100 (English) 100 (Hindi)		
6	Earthquake Design Criteria: This EERI monograph presents information on the earthquake performance of structures and on important aspects of specifying seismic design criteria. Authors: G. W. Housner and P. C. Jennings. <i>128 pages.</i> ISBN: 1-943198-23-2 ¹	200		
7	Earthquake Dynamics of Structures, A Primer: This EERI monograph provides a primer on the fundamentals of structural dynamics, with the intention of providing the non-specialist in dynamics with the basic concepts and knowledge needed to understand the response of structures to earthquake motions. Authors: Anil K. Chopra. <i>131 pages.</i> ISBN: 1-932884-07-6 ¹	200		
8	Fundamentals of Seismic Protection for Bridges: This EERI monograph discusses the seismic performance of bridges, and current practices in the seismic analysis and design of new bridges as well as retrofit strategies for old bridges. It brings state-of-the-art practices in earthquake resistant design and construction of bridges to the research, teaching and design community of India. Authors: Mark Yashinsky and M.J. Karshenas. <i>184 pages.</i> ISBN: 0-943198-04-6 ³	200		
9	Seismic Hazard and Risk Analysis: This EERI monograph introduces methods of seismic hazard and risk analysis that form the basis for development of consensus probabilistic seismic hazard maps, an important prerequisite for responding effectively to earthquake risk. Author: Robin K. McGuire. <i>221 pages.</i> ISBN: 0-943198-01-1 ³	200		
10	Design of Foundations in Seismic Areas: Principles and Applications: This publication addresses the major principles of foundation design in seismic areas. Some practical examples have been worked out. The topics covered are seismic hazards and their assessment, liquefaction and its remediation, site response analysis, piled foundation and pile failure. This publication covers papers written by leading academicians and industry practitioners in India, Japan and UK. The book is intended for professionals and researchers. It can also serve as a text book for post graduate students in this field. Editor: Subhamoy Bhattacharya. <i>480 pages.</i> ISBN: 81-904190-1-3	375		
11	Architectural Teaching Resource Material on Earthquake Design Concepts for Teachers of Architecture Colleges: This package (a CD & 640 printed pages) contains about 627 power point slides covered in 27 lectures, movie files and explanatory notes for each slide. It is prepared by Prof. C. V. R. Murty, IITK and Prof. Andrew W. Charleson, Victoria University of Wellington, New Zealand. Package is expected to serve as a basic material which faculty members of the colleges of architecture may use to build their lectures from.	500 (Hard Copy) 500 (CD)		
12	Resource Material for Development of Experimental Setup for Earthquake Engineering Education: Professor C S Manohar and Mr S Venkatesha of IISc Bangalore have developed a package of resource materials for development of experimental setups for earthquake engineering education. It consists of Student's Manual, Notes for the Instructors, and Inventory of items and cost estimation for development of such set-ups in house.	500		
13	Engineering Response to Hazards of Terrorism: This volume contains the articles or power point presentations made during the seminar. The seminar themes included hazard estimations, structural	450		

	and non-structural mitigation measures and hazard detection. Editors: Sudhir K. Jain, C.V.R. Murty and D.C. Rai. 398 pages. ISBN: 978-81-906130-1-9			
14	Keeping Schools Safe in Earthquakes: This monograph presents a series of papers authored by participants of the 2004 OECD-GHI Meeting at Paris. The articles encompass issues pertaining to new buildings, retrofitting of old buildings as well as enforcement and public policy towards maximizing seismic safety of schools. 242 pages. ISBN: 81-88689-43-2 ⁴	200		
15	Earthquake Rebuilding in Gujarat, India: This publication describes the post-earthquake recovery process after the Bhuj 2001 earthquake. It showcases the complex and challenging recovery phase and the strategies employed by the communities towards disaster mitigation that can serve as useful lessons and guidelines for handling future disasters. Authors: C.V.R. Murty, Marjorie Greene, Sudhir K. Jain, N. Purendra Prasad, Vipul V. Mehta. 120 pages in colour. ISBN: 1-932884-05-X ³	150		
16	The Great Sumatra Earthquake and Andaman Ocean Tsunami of December 26, 2004: A report based on a reconnaissance study coordinated by IIT Kanpur, this publication gives an overview of the effects in Indian territory of the 2004 Sumatra tsunami and the earthquake. Originally published in EERI newsletter. Authors: Sudhir K. Jain, et.al. 16 pages in colour. ³	100		
17	Reconnaissance Report of Sikkim Earthquake of 14 February 2006: This reconnaissance study report by IIT Kanpur summarises the damages caused by the moderate 5.7 magnitude earthquake. Authors: Hemant B. Kaushik, Kaustubh Dasgupta, Dipti R. Sahu and Gayatri Kharel. 20 pages in colour.	100		
18	Annotated Images from the Bhuj, India Earthquake of January 26, 2001 (CD): This CD compiled by EERI contains annotated images from the Bhuj, India Earthquake of January 26, 2001. Over 300 images illustrate widespread damages of different categories. ³	200		
19	Bhuj, India Republic Day January 26, 2001 Earthquake Reconnaissance Report (CD): This CD contains full text and images of the 398-page, Reconnaissance Report, published by EERI. Technical editors: Sudhir K. Jain, William R. Lettis, C.V.R. Murty and Jean-Pierre Bardet. ³	200		
20	Concept of Earthquake Resistant Design: This CD-ROM contains the video documentations of a lecture by Professor Sudhir K. Jain delivered at IIT Kanpur in February 2003. The lecture covers objectives of earthquake resistant design, implications of design objectives, level of design forces, nature of aseismic design problem, earthquake forces, response spectrum and capacity design concept used in earthquake resistant design. 37 minutes. ⁵	500		
21	Seismic Retrofit Techniques for Masonry Buildings - An Overview: This CD-ROM contains the video documentation of a lecture by Dr. Svetlana N. Brzev delivered at IIT Kanpur in December 2005. The lecture covers seismic performance of masonry buildings, masonry walls, their behaviour and failure mode and seismic retrofit methods. All the concepts are supported with explanatory sketches and photographs. 62 minutes. ⁵	500		
22	Buildings on Rollers -Use of Passive Control Devices for Seismic Protection of Structures: This CD-ROM contains the video documentations of two lectures by Dr. Svetlana N. Brzev delivered at IIT Kanpur in December 2005. The lectures cover concepts of passive seismic control systems, working and performance of building isolation, design of building isolation in structures, seismic dampers and damper design. Retrofit case-studies with number of photographs discussed at the end, is an added advantage of this lecture. 105 minutes. ⁵	500		
23	Seismic Design & Retrofit of Nonstructural Building Components: This CD-ROM contains the video documentation of a lecture by Dr. Svetlana N. Brzev delivered at IIT Kanpur in December 2005. The lecture covers seismic performance and failure modes, performance objectives, design codes and recommendations and seismic retrofit solutions. The main attraction of the lecture is introduction to simple calculations for seismic design of nonstructural building components. 63 minutes. ⁵	500		
24	Building Performance in Boumerdes (Algeria) Earthquake of 21 May 2003: This CD-ROM contains the video documentation of a lecture by Dr. Svetlana N. Brzev delivered at IIT Kanpur in December 2005. The lecture provides an overview of the 2003 earthquake, background on the Algerian construction practices and building codes, and the observations related to the causes and patterns of building damage due to the 2003 Boumerdes earthquake. 55 minutes. ⁵	500		
25	The History of Earthquake Engineering from an International Perspective: This CD-ROM contains the video documentation of a lecture by Ar. Robert Reitherman delivered at IIT Kanpur in November, 2005. The lecture covers importance of Earthquake Engineering history, its gradual evolution in different parts of the world, major earthquakes and their contribution towards development of the subject and a discussion based on case studies. 66 minutes. ⁵	500		
26	Structure & Architecture, Architecture & Earthquakes: This CD-ROM contains the video documentation of two lectures by Professor Andrew W. Charleson delivered at IIT Kanpur in November, 2005. The lectures cover relationship between architectural and structural form, building interior, building function, structural detailing, structure and light, representation and symbolism. It is rendered with beautiful, architecturally appealing and eye catching photographs to elaborate the concepts. 104 minute. ⁵	500		

27	Seismic Hazard and Its Quantification: This CD-ROM contains the video documentation of a series of three lectures (each of approximately 60 minutes) by Late Professor Bruce A. Bolt , delivered at IIT Kanpur in February 2004. These lectures cover world seismicity, global seismic hazard and seismic hazard quantification. The highlights of these lectures include some advanced techniques of seismic hazard quantification and the success story of scientific seismic hazard estimation leading to excellent performance of the trans-Alaska pipeline. ⁵	500		
28	Earthquake Resistant Design of Steel Buildings in the US: This CD-ROM contains the video documentation of a lecture by Dr. Janise E. Rodgers delivered at IIT Kanpur in May, 2006. The lecture covers basic knowledge of steel structures, seismic design of conventional steel structural systems such as moment frames, concentrically braced frames and eccentrically braced frames, and seismic design of new and innovative steel structural systems. <i>33 minute.</i> ⁵	500		
29	E-course : Indian Seismic Code IS:1893-2002 (Part-I): This CD contains entire e-course on Indian Seismic Code IS: 1893-2002 (Part-I), conducted by Prof. Sudhir K. Jain of IIT Kanpur during January-February, 2003. It consists of about 360 power point slides covered in 9 lectures. The latest version of the Indian seismic code IS: 1893-2002 (Part I) has been significantly revised from the earlier 1984 version. The code now incorporates many new design concepts in earthquake engineering. In this e-course all the lectures provided are in the form of MS Power-point slides and a few example problems are in MS Word documents.	1200		
30	E-course : Seismic Design of Liquid Storage Tanks: This CD contains entire e-course on Seismic Design of Liquid Storage Tanks, conducted by Prof. Sudhir K. Jain and Prof. Durgesh C. Rai of IIT Kanpur and Prof. O. R. Jaiswal , VNIT Nagpur during January-February, 2006. It consists of about 525 power point slides covered in 8 lectures. The lectures provide an overall understanding of the seismic design concepts, procedures and current practices for seismic design of liquid storage tanks. In this e-course all the lectures provided are in the form of MS Power-point slides and a few example problems are in MS Word documents.	1200		
31	IITK-GSDMA Guidelines for Seismic Design of Liquid Storage Tanks: Includes commentary and solved examples : Paper Copy	200		
32	IITK-GSDMA Guidelines for Structural Use of Reinforced Masonry: Includes commentary and solved examples: Paper Copy	200		
33	IITK-GSDMA Guidelines for Seismic Evaluation and Strengthening of Existing Buildings: Includes commentary and solved examples: Paper Copy	200		
34	IITK-GSDMA Guidelines for Seismic Design of Earth Dams and Embankments: Includes commentary and solved examples: Paper Copy	200		
35	IITK-GSDMA Guidelines on Measures to Mitigate Effects of Terrorist Attacks on Buildings: Paper Copy	200		
36	IITK-GSDMA Guidelines for Seismic Design of Buried Pipelines: Includes commentary and solved examples: Paper Copy	200		
37	Back Issues of Earthquake Engineering Practice: (Per issue)	250		
38	Seismic Design with Supplemental Energy Dissipation Devices: The purpose of this monograph is to impart basic concepts of the supplemental energy dissipation technology to design engineers, architects, and buildings officials so they can understand its benefits and limitations in structural applications. Authors: Robert D Hanson and TSU T Soong. <i>135 pages</i> . ISBN: 978-81-906130-4-0	200		
39	Earthquake Spectra and Design: This monograph provides an overview of the earthquake design procedure, with particular focus on buildings. It describes the concept of Design Response Spectra, both elastic and inelastic. Authors: N M Newmark and W J Hall. <i>103 pages</i> . ISBN: 978-81-906130-3-3	200		
40	Resource Material for Seminar on Seismic Safety of Concrete Gravity Dams: The seminar focused on issues and best practices towards seismic safety of concrete gravity dams, with special reference to state-of-the-practice in India and the United States. The seminar enabled the concerned professionals to appreciate various aspects of the concrete gravity design and construction which relate to its seismic safety. Resource Persons: Anil K Chopra, University of California, Berkeley, USA and Larry K Nuss, Bureau of Reclamation, Denver, Colorado, USA	1200 (CD)		
41	Resource Material for Short Course on Seismic Design of Concrete Gravity Dams: The course was aimed at providing the participants an overview on seismic analysis and design of concrete gravity dams. Resource Persons: Anil K Chopra, University of California, Berkeley, USA and Larry K Nuss, Bureau of Reclamation, Denver, Colorado, USA	1200 (CD)		
42	Confined Masonry - A guidebook for technicians and artisans: This manual is meant for artisans, masons, and homeowners engaged in construction of one- and two-storey dwellings in a low-tech environment. It provides clear guidance on the construction aspects as well as the do's and don'ts. Authors: Tom Schacher. <i>20 pages</i> . ISBN: 978-81-906130-5-7	100		
43	Seismic Isolation for Designers and Structural Engineers: The seismic isolation technology helps in protecting structures from earthquake damage. This new book provides both theory and practical aspects of seismic isolation technique. It contains the necessary mathematical tools and introduces the	600		

