1. Record Nr. UNINA9910793271603321

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Titolo	Internet of things in automotive industries and road safety / / Raghuveer Chimata, Rajesh Singh, and Anita Gehlot
Pubbl/distr/stampa	Gistrup, Denmark : , : River Publishers, , [2018] ©2018
ISBN	1-00-333863-1 1-003-33863-1 1-000-79503-9 1-5231-3904-8 87-7022-009-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xix, 172 pages) : illustrations
Collana	River Publishers series in transport technology
Disciplina	629.234
Soggetti	Internet of things Motor vehicles - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Interfacing of Arduino with input/output devices -- 3. Interfacing of ESP8266 with input/output devices -- 4. Biometric car door opening system -- 5. Accident monitoring system -- 6. Engine oil and coolant level monitoring system -- 7. Fleet and driver management system -- 8. Smart road communication system for mobile vehicles -- 9. Talking road unit at pin turn in hilly areas -- 10. Real-time car telematics tracking system.
Sommario/riassunto	This book provides a platform to readers through which they can access the applications of the'Internet of Things'in the automotive field. Internet of Things in Automotive Industries and Road Safety provides the basic knowledge of the modules--including interfacing--along with the programming. Several examples for rapid prototyping are included to help readers understand the concept of IoT. The book comprises ten chapters for designing different independent prototypes for automotive applications, and it will be beneficial for those who want to get started with hardware based project prototypes. The text is based on the practical experience of the authors while undergoing projects with

students and industry.