

**\*\*\*\*\*Call for Book Chapters\*\*\*\*\***

**Book Title: “Next Generation Healthcare Systems Using Soft Computing Techniques”**

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**Short Description of the Volume:**

The objective of this Book to provide applications of soft computing techniques using various biomedical databases related to healthcare systems. There are various issues and challenges in the healthcare system, which are resolved by the use of soft computing techniques. Due to the advancement of technologies, it will be a helpful guide for categories and assess the major role of various soft computing technologies as machine learning and deep learning for diagnosis and prediction of disease. The project will explore the various learning model applications in soft computing techniques, and it covers the deep learning, machine learning, artificial neural network, fuzzy logic, evolutionary computing and statistical techniques. It presents basic and advanced concepts to help beginners and industry professionals get up to speed on the latest developments in soft computing and healthcare systems. It incorporates the latest methodologies and challenges facing soft computing, examines descriptive, predictive and social network techniques and discusses analytics tools and their role in providing effective solutions for science and technology. The primary users for the book include researchers, academicians, postgraduate students, specialists and practitioners.

**Coverage:**

Chapter No	Tentative Chapter titles
1	Smart Healthcare and Intelligent medical systems
2	Transformation in Healthcare System
3	IoT & Healthcare Information Systems
4	Implications of big data analytics in developing healthcare
5	New framework and Protocol for healthcare system
6	Emerging Technologies in Machine Learning-based Medical Systems and Healthcare System
7	Cloud-based Health Tracking and Monitoring Systems
8	Computational Intelligence for Healthcare
9	Deep Learning in Healthcare and medical image processing, Challenges and Opportunities
10	Computer Vision for Medical Imaging and Healthcare Applications
11	Internet of Medical Things and Embedded systems
12	Applications of Advance Algorithms in Medical Image Processing.
13	Security and Privacy issues in Healthcare Systems and Application

**Submission page:** <https://easychair.org/conferences/?conf=nghcsct01>

If any author is facing problem regarding the submission of the manuscript. Please feel free to contact mention below:

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Important Dates	
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Acceptance Notification:	30 <sup>th</sup> July 2021
Final Paper Submission Deadline:	30 <sup>st</sup> Sep 2021
Final Acceptance Notification:	30 <sup>th</sup> Nov 2021

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