

CHANDIGARH ENGINEERING COLLEGE**DEPARTMENT OF CSE****PUBLISHED PATENT DETAILS**

S. No	Applicant	Department	Inventor (s)	Title of Invention	Description	Type of Application	Application Temp. number / Reference number
1	CGC Landran	Computer Science	Dr. Amit Verma, Iqbaldeep Kaur, Tanisha Saini	METHOD FOR RE-ASSOCIATION OF SENSOR NODES FOR FACILITATING SECURE INFORMATION HANDOVER	The present disclosure relates to the field of wireless sensor network security technology, more particularly, embodiments of the disclosure relate to a method for re-association of sensor nodes in a network, for facilitating secure information handover using Forward Error Correction (FEC) technique.	Complete Application	201611012946
2	CGC Landran	Computer Science	Dr. Amit Verma, Iqbaldeep Kaur, Tanisha	METHOD OF MANAGING WIRELESS MOBILE AD-HOC NETWORK TO PREVENT BLACK HOLE ATTACK	The present disclosure relates to the field of wireless communication network security technology, more particularly, embodiments of the disclosure relate to a method for managing a wireless mobile ad-hoc network to prevent black hole attacks using CBDS (Cooperative Bait Detection Scheme) and MD5 (Message Digest) techniques.	Complete Application	201611016399
3	CGC Landran	Computer Science	Dr. Amit Verma, Iqbaldeep Kaur, Tanisha Saini	META RUNNER SHOES	The present invention generally relates to a running shoe. More particularly, it relates to a shoe model based on the claw design of the animal leopard	Complete Application	201611012955
4	CGC Landran	Computer Science	Dr. Amit Verma, Iqbaldeep Kaur, Tanisha	MOBILE WIRELESS SENSOR NETWORK DESIGN FOR MINIMIZATION OF CONSUMPTION OF ENERGY AND FAULT	The present invention in general relates to mobile wireless sensor network. More particularly, the present invention relates to mobile wireless sensor network application of a distributed fault-tolerant clustering algorithm in mobile wireless sensor networks. This fault has been removed by using back up cluster or by setting the root information as a prefix.	Complete Application	201611016427

5	CGC LANDRAN	Computer Science	Dr.Amit Verma, Iqbaldeep Kaur, Shivam Garg, Mukul Munjal,Shreya Sehgal	A METHOD AND SYSTEM FOR SELLING AND BUYING BOOKS THROUGH WEBSITE	The present invention in general relates to method and system of providing a website for selling and purchasing previously owned books. More particularly, the present invention relates to method for selling and purchasing previously owned books of the post graduate or undergraduate level through the use of a website published on the Internet. The website also provides space for publishing classified advertisement. The seller and buyer can meet on discussion through the web portal. By the elimination of the third party role, the cost can be saved in term of saving marketing, advertisement and transport.	Complete Application	201711024754
6	CGC LANDRAN	Computer Science	Dr. Amit verma, Iqbaldeep Kaur, Mr. Bhavneesh	IMAGE BASED MOTION DETECTOR SYSTEM WITHOUT A SENSOR PLATFORM AND A METHOD THEREOF	The present invention relates generally to motion detection. More particularly, the invention relates to an automatic system and method for electronic image based motion detection of a moving object without the use of any sensor model.	Complete Application	201611026606
7	CGC LANDRAN	Computer Science	Dr. Amit verma, Iqbaldeep Kaur, Arsh Sud	UNMANNED GROUND VEHICLE (UGV) DRONE AND A CONTROL SYSTEM AND METHOD THEREOF	The present invention generally relates to an unmanned ground vehicle. Specifically, the present invention relates to live streaming of video contents from the unmanned ground vehicle.	Complete Application	201611026609
8	CGC LANDRAN	Computer Science	Dr. Amit verma, Iqbaldeep Kaur, Akshay bhat	NOVEL LIQUID PROPELLED ROCKET LAUNCHER AND A METHOD OF DEVELOPMENT THEREOF	The present invention relates generally to toy rocket launchers and more particular to portable rocket launchers which utilize compressed air to propel a rocket.	Complete Application	201611026636

9	CGC LANDRAN	Computer Science	Dr. Amit verma, Iqbaldeep Kaur, Akshay bhat	METHOD FOR MITIGATING REPLICATION ATTACK IN MOBILE WIRELESS SENSOR NETWORK (WSN)USING WITNESS NODE MOBILE WIRELESS SENSOR NETWORK	Generally, the present invention relates to the field of replication attack in mobile wireless sensor network (WSN). Specifically, the present invention relates to a method for mitigating replication attack in mobile wireless sensor network (WSN) using witness node.	Complete Application	201611042263
10	CGC LANDRAN	Computer Science	Dr. Amit verma, Iqbaldeep Kaur, Tanisha	METHOD OF ANALYSIS OF WORMHOLE ATTACK IN MANET USING CRCN	The present invention relates to the field of wireless communication network security technology, more particularly, embodiments of the invention relate to a method of analysis of wormhole attack in MANET using TORA protocol under a Cognitive Radio Cognitive Network Environment	Complete Application	201611039094
11	CGC LANDRAN	Computer Science	Dr. Amit verma, Iqbaldeep Kaur, Tanisha	METHOD OF DETECTION OF JAMMING ATTACK IN MANET USING RED PROTOCOL IN CRCN ENVIRONMENT	Generally, the present invention relates to the field of wireless communication network security technology. Specifically, the present invention relates to a method for detection of jamming attack in MANET using RED protocol under a Cognitive Radio Cognitive Network Environment.	Complete Application	201611039090
12	CGC LANDRAN	Computer Science	Dr. Amit verma, Iqbaldeep Kaur,Devendra Prasad,B K Verma,Gagandeep Singh,Nipun Sood,Nakul Tanta	SYSTEM FOR DISPLAYING SHORT PREVIEWS	The present invention relates generally to methods and systems for providing media previews, in particular the present invention relates a system for displaying short previews (such as movie trailers) and associated information via a progressive web based user platform or interface.	Complete Application	201711031448