



(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

Application Details	
APPLICATION NUMBER	202041051970
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/11/2020
APPLICANT NAME	1 . Dr. C Kiran Mai (Professor of CSE) 2 . Dr. S Nagini (Associate Professor of CSE) 3 . Dr. P Neelakantan (Professor of CSE)
TITLE OF INVENTION	ASP: CRIME SITE ANALYSIS: AUTOMATIC METHOD AND PROCESS OF PERFORMING CRIME SITE ANALYSIS AND MANAGEMENT SYSTEM.
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	ckiranmai@vnrvjiet.in
ADDITIONAL-EMAIL (As Per Record)	nagini_s@vnrvjiet.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/12/2020

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

			View Documents
--	--	--	--------------------------------



In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041051970 A

(19) INDIA

(22) Date of filing of Application :29/11/2020

(43) Publication Date : 11/12/2020

(54) Title of the invention : ASP: CRIME SITE ANALYSIS: AUTOMATIC METHOD AND PROCESS OF PERFORMING CRIME SITE ANALYSIS AND MANAGEMENT SYSTEM.

(51) International classification	:G06Q 30/02	(71)Name of Applicant : 1)Dr. C Kiran Mai (Professor of CSE) Address of Applicant :VNR Vignana Jyothi Institute of Engineering and Technology, Vignana Jyothi Nagar, Pragathi Nagar, Nizampet [S.O], Hyderabad, Telangana 500090 E-mail: ckiranmai@vnrvjiet.in Phone Number: 9849155333 Telangana India
(31) Priority Document No	:NA	2)Dr. S Nagini (Associate Professor of CSE)
(32) Priority Date	:NA	3)Dr. P Neelakantan (Professor of CSE)
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Dr. C Kiran Mai (Professor of CSE)
Filing Date	:NA	2)Dr. S Nagini (Associate Professor of CSE)
(87) International Publication No	: NA	3)Dr. P Neelakantan (Professor of CSE)
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT Our Invention ASP- Crime Site Analysis • is an intelligent system method is provided that performs crime site analysis in a criminal activity area to determine a likely center of criminal activity. The invented Technology also includes the uses distances from related crime sites to determine a probability surface for the entire criminal activity area and a target area having highest values of probability becomes the center of criminal activity. The Invention ASP- Crime Site Analysis can be used to access other crime databases such as witness reports to further define the criminals; residence or workplace and also provided an intelligent system method of performing crime site analysis for determining a base of criminal activity, comprising the steps of locating a plurality of related crime sites on an area map; delineating a criminal activity area on the area map in dependent upon spacing between the plurality of crime sites. The invented technology also establishing an x-y grid having a plurality of local, global grid points within the criminal activity area for each grid point, determining a distance to each of the plurality of related crime sites for each grid point, generating a first probability value in dependence upon each distance. The invented technology also combining first probability values to provide a second probability value and outputting a center of criminal activity in dependence upon second probability values for the criminal activity area and manage all required data.

No. of Pages : 26 No. of Claims : 5