

3.2.1 Institution has created an eco-system for innovations and has initiatives for creation and transfer of knowledge.

Our Institution provides healthy atmosphere, infrastructure, resources, confidence for enhancement of the capacity and competencies of students and teachers in research and innovative activities. The faculty members are allowed to take up research activities utilizing the existing facilities. The college has a Research and Development Cell to monitor and address the issues of research. To boost it further, the College established Technical Hub, TI teaching /innovation Lab, Student activity council (SAC)

Technical Hub mainly focus to improve the engineering skills by providing Skill development courses and organize different events like Game – A – Thon, T – Connect, Project Space, CODE <HEAT> to improve the professional level, competition and sprit levels in students.

TI teaching Lab/Innovation Lab will work with the student's innovative ideas with the help from Texas Instruments India. Institute had a MOU with Texas instruments India for teaching, project and research in the college for the benefits of the students and faculty.

Student Activity Council (SAC) is a student – led venture accelerator that fosters the development of entrepreneurs in the Aditya College of Engineering community through the educational experience of developing an eco-system for a business from concept to launch.

Our institution is using Microsoft teams and mlibrary apps to transfer the knowledge effectively during pandemic situation.

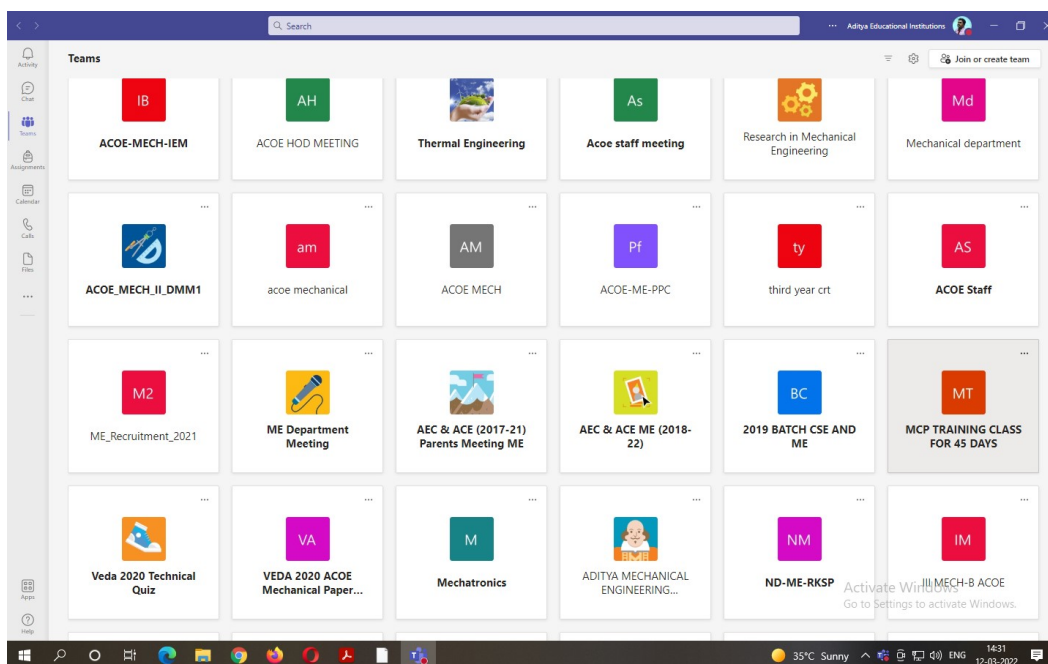


fig. Microsoft teams platform to share knowledge at online during pandemic situation

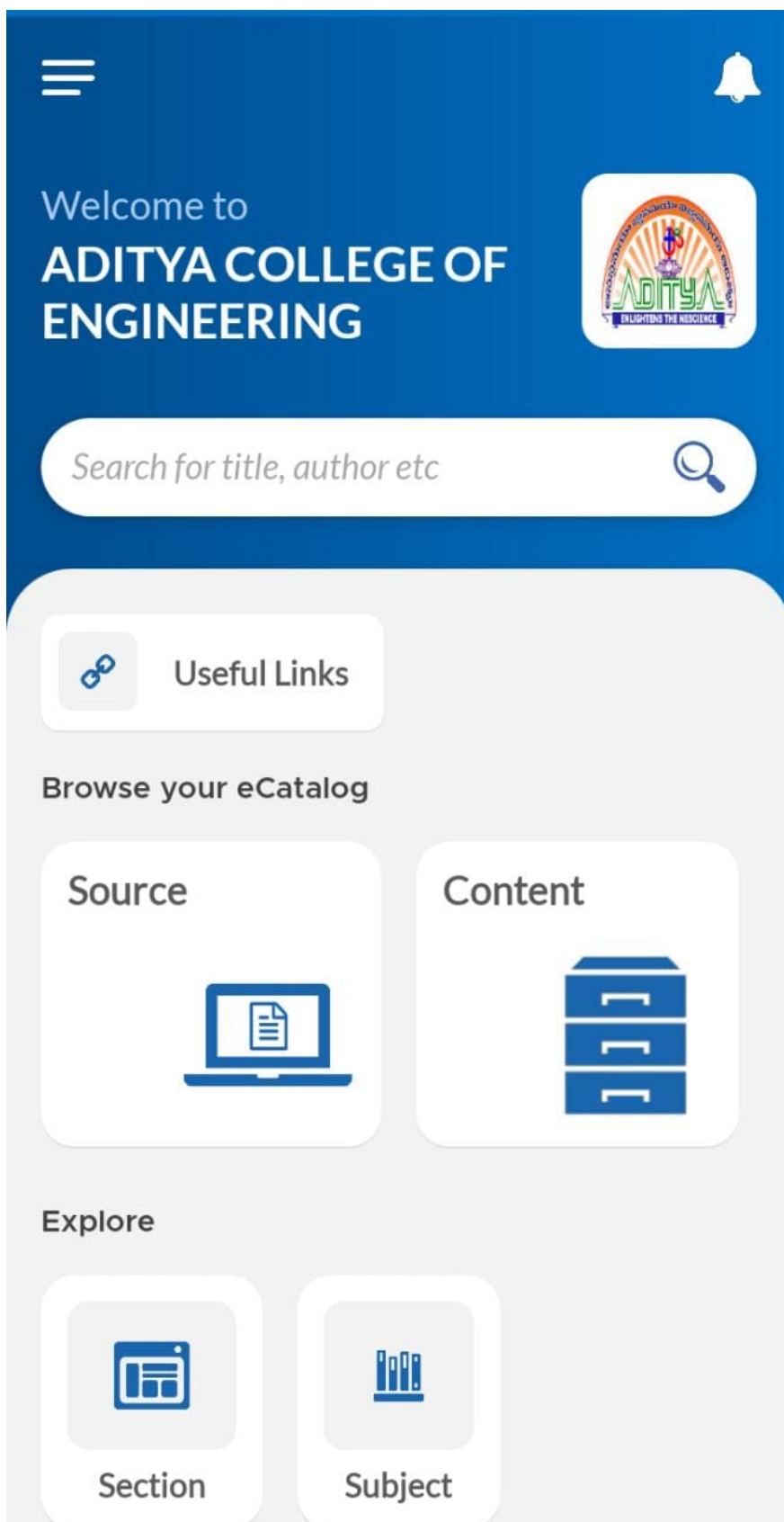


Fig: mlibrary app for students and staff where study material and number of books are available.



INFLIBNET

Includes 1
Document(s)



Magzter

Includes 1
Document(s)



NDL

Includes 1
Document(s)



Shodhganga

Includes 1
Document(s)



SWAYAM

Includes 1
Document(s)



National Career Service

सही अवसर, सही समय
Right Opportunities, Right Time

National Career S...

Includes 1
Document(s)



NDLI Club

NDLI-CLUB

Includes 1
Document(s)



Open Access e-Co...

Includes 1
Document(s)



Rare Book Society ...

Includes 1
Document(s)



e-Newspaper Clips

Includes 8
Document(s)

The College has 2 Centers of Excellence: it is

i. **Centre of Excellence AR & VR**

ii. **Centre of Excellence in Additive Manufacturing**

Apart from dedicated CoEs, college have a MoUs with various organizations

START UPS:



- 1) GetMyTailor: GetMyTailor is an online tailoring service which enables customers (B2C) to get their stitching done very easily and efficiently. Along with this, we are receiving bulk orders from Educational Institutions as a (B2B) model.

<http://getmytailor.com/>

- 2) Nightout: Nightout is a meticulously designed application where it provides a unique way of a learning system. The content lecture videos are in a simple language .which makes a student love to learn what he wants. The duration of the video is 5-10 min where it refers to the basic depth of the subject in which the student can learn what he wants and he can prepare where he wants.
- 3) QQadz: QQadz for all Services (Branding & Advertising, Digital Marketing, Web Designing, House Layouts, Consultancy Services, Marketing Strategy, App Development, Media Works). We are with you for showcasing your brand in to market.



<https://qqadz.com/>



- 4) Karanam Technologies: Karanam Tech Design and installation of customized structures for cultivating ORGANIC VEGETABLES by using the SOIL-LESS Farming techniques like Hydroponics, Aeroponics & Aquaponics. Variety of models are available for Households and High rise building



<http://karanamtech.com/>

PATENTS



1. <http://ipindiaservices.gov.in/PatentSearch/PatentSearch//ViewApplicationStatus>

 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS	 GOVERNMENT OF INDIA	Controller General of Patents, Designs and Trademarks Department of Industrial Policy and Promotion Ministry of Commerce and Industry
Application Details		
APPLICATION NUMBER	201921016540	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	25/04/2019	
APPLICANT NAME	1 . PROF. DR. S.B. CHORDIYA 2 . DR. BADAL SONI 3 . PROF.(DR).P.SANTOSH KUMAR PATRA 4 . LAKSHMI ANUSHA KOTHAMASU 5 . DR. K. VENKATESH SHARMA 6 . M. VENKATESWARLU 7 . UPPADA GAUTAMI 8 . SURESH KUMAR KOLLIMALLA 9 . PROF. BASWARAJ SHIVANAND MASHALKAR 10 . PROF.(DR.) BEG RAJ	
TITLE OF INVENTION	IMC-CHARGER: INTELLIGENT MOBILE PHONE PROTECTIVE CASE WITH SOLAR CHARGER THIN BATTERY	
FIELD OF INVENTION	ELECTRICAL	
E-MAIL (As Per Record)	dr.bksarkar2003@yahoo.in	
ADDITIONAL-EMAIL (As Per Record)	dr.bksarkar2003@yahoo.in	
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PRIORITY DATE		
REQUEST FOR EXAMINATION DATE	--	
PUBLICATION DATE (U/S 11A)	17/05/2019	



2. http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4797_1/Part-1.pdf

(12) PATENT APPLICATION PUBLICATION	(21) Application No.201941041198 A
(19) INDIA	
(22) Date of filing of Application :11/10/2019	(43) Publication Date : 18/10/2019
(54) Title of the invention : QUANTUM CRYPTOGRAPHY BASED METHOD FOR SECURITY AND PRIVACY IN MOBILE CLOUD COMPUTING	
(51) International classification :H04W88/16 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)DR. M VENKATA RAO Address of Applicant :Professor, Department of Computer Science and Engineering, ST. Martin's Engineering College, Dhulapally-500100, Secunderabad, Telangana, India 2)DR. N SATHEESH 3)MR.NARESH KUMAR KAR 4)MR. GUNNA KISHORE 5)DR. ANTO A MICHEAL 6)DR. G. S. N. MURTHY (72)Name of Inventor : 1)DR. M VENKATA RAO 2)DR. N SATHEESH 3)MR.NARESH KUMAR KAR 4)MR. GUNNA KISHORE 5)DR. ANTO A MICHEAL 6)DR. G. S. N. MURTHY
(57) Abstract : The present invention disclosure is related to quantum cryptography based method for security and privacy in mobile cloud computing.. The objective of the present invention to provide overcomes the inadequacies of the prior art in health monitoring system. The security and privacy aspects of mobile cloud computing are considered in this invention with a new cryptographic technique based on Quantum cryptography (QC). The present invention allows the users to store and process the data by providing the tempered proof ability of cryptographic technique.	
No. of Pages : 18 No. of Claims : 3	

3. <http://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus>

 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS		 सत्यमेव जयते GOVERNMENT OF INDIA		Controller General of Patents, Designs and Trademarks Department of Industrial Policy and Promotion Ministry of Commerce and Industry	
Application Details					
APPLICATION NUMBER		202041006677			
APPLICATION TYPE		ORDINARY APPLICATION			
DATE OF FILING		17/02/2020			
APPLICANT NAME		DR.NALLA BHANU TEJA			
TITLE OF INVENTION		SYNTHESIS AND INVESTIGATION ON MECHANICAL BEHAVIOUR OF THE SENNA AURICULATA/NANOCERUM (IV)-ZIRCONIUM(IV) OXIDE HYBRID FIBRE COMPOSITES			
FIELD OF INVENTION		MECHANICAL ENGINEERING			
E-MAIL (As Per Record)					
ADDITIONAL-EMAIL (As Per Record)		bhanuteja8086@gmail.com			
E-MAIL (UPDATED Online)					
PRIORITY DATE					
REQUEST FOR EXAMINATION DATE		17/02/2020			
PUBLICATION DATE (U/S 11A)		28/02/2020			

4. <http://ipindiaservices.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus>

 INTELLECTUAL PROPERTY INDIA PATENTS DESIGNS TRADE MARKS GEOGRAPHICAL INDICATIONS		 सत्यमेव जयते GOVERNMENT OF INDIA		Controller General of Patents, Designs and Trademarks Department of Industrial Policy and Promotion Ministry of Commerce and Industry	
Application Details					
APPLICATION NUMBER		202041006676			
APPLICATION TYPE		ORDINARY APPLICATION			
DATE OF FILING		17/02/2020			
APPLICANT NAME		DR.NALLA BHANU TEJA			
TITLE OF INVENTION		OPTIMIZATION OF BIODIESEL PRODUCTION FROM NON-EDIBLE BORASSUS FLABELLIFER OIL USING TAGUCHI APPROACH			
FIELD OF INVENTION		CHEMICAL			
E-MAIL (As Per Record)					
ADDITIONAL-EMAIL (As Per Record)		bhanuteja8086@gmail.com			
E-MAIL (UPDATED Online)					
PRIORITY DATE					
REQUEST FOR EXAMINATION DATE		17/02/2020			
PUBLICATION DATE (U/S 11A)		28/02/2020			

5. http://ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4830_1/Part-1.pdf

(12) PATENT APPLICATION PUBLICATION

(21) Application
No.202041000402 A

(19) INDIA

(22) Date of filing of Application :05/01/2020

(43) Publication Date : 10/01/2020

(54) Title of the invention : IHY-PREDICTION: INTELLIGENT SYSTEM AND METHOD FOR ADVANCED HARVEST YIELD PREDICTION USING IOT BASED TECHNOLOGY

(51)
International :G06K0009000000,G06Q0050020000,G06Q0010060000,G06N0020000000,A01G0007000000
classification
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International
Publication : NA
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(61) Patent
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to :NA
Application :NA
Number
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Date
(62)
Divisional to
Application :NA
Number :NA
Filing
Date

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3)PROF.ANIL D. GUJAR
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4)KARRI MANOJ KUMAR
REDDY
5)DR.JAMBI RATNA RAJA
KUMAR
6)SNEHA TEJAS SHINDE

(57) Abstract :
IHY-PREDICTION: INTELLIGENT SYSTEM AND METHOD FOR ADVANCED HARVEST YIELD PREDICTION USING IOT BASED TECHNOLOGY ABSTRACT The Invention or IHY-Prediction • is A system and method for predicting advanced harvest yield. The method includes receiving monitoring data related to at least one crop, wherein the monitoring data includes at least one multimedia content element showing the at least one crop; analyzing, via machine vision, the at least one multimedia content element; extracting, based on the analysis, a plurality of features related to development of the at least one crop; and generating a harvest yield prediction for the at least one crop based on the extracted features and a prediction model, wherein the prediction model is based on a training set including at least one training input and at least one training output, wherein each training output corresponds to a training input.

No. of Pages : 23 No. of Claims : 7

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Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



Application Details

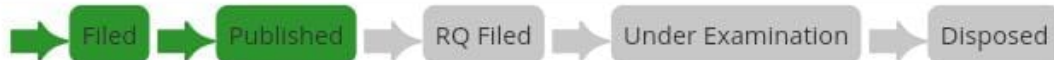
APPLICATION NUMBER	202141050439
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/11/2021
APPLICANT NAME	1 . Aditya Engineering College 2 . Aditya College of Engineering and Technology 3 . Aditya College of Engineering
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED EARLY DETECTION SYSTEM FOR INTESTINE CANCER
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/02/2022

Application Status

APPLICATION STATUS


Awaiting Request for Examination

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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



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GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202141050440
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/11/2021
APPLICANT NAME	1 . Aditya Engineering College 2 . Aditya College of Engineering and Technology 3 . Aditya College of Engineering 4 . University College of Engineering Kakinada
TITLE OF INVENTION	ESTIMATING METHOD FOR OPTIMAL PLACEMENT OF DISTRIBUTED GENERATION UNIT
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	hima@novelpatent.com
ADDITIONAL-EMAIL (As Per Record)	murali@novelpatent.com
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	04/02/2022

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

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