SI. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY YY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)
				2021- Pat	ents Publis	hed			
1	202121 027003	Published	Dr. M P Khond, Aayush Kaul, Juber Firoj Shaikh Salman Shakil Shaikh Sohel Shakil Shaikh	Innovative Mechanism For Stabilizing The Oscillations Of Passive Yaw In Wind Turbines.	College of Engineering Pune	17/06/2021	16/07/2021	202121027003 A, E Reference No- E/12/928/2021 /MUM	College of Engineering Pune
2	German patent No. : 20 2022 100 696.2	Published	G. V. Lakhekar, G. M. Malwatkar, V. V. Jogdand, D. R. Shende	An analog emulator system for temperature control of heat exchanger	College of Engineering Pune	17/02/2022	31/03/2022	_	College of Engineering Pune
3	No. 2022210401 28 A	Published	Akanksha A. Somani, Dr. RAjendra D. Kokate, Dr. Abhilasha Mishra, Mr. Rajesh K	Method and system for FPGA Based tool conditioning using SOM-HEBB classifier in Manufacturing Industry	College of Engineering Pune	13/07/2022	29/07/2022	_	College of Engineering Pune
4	No. 2022210654 49 A	Published	Mr Dayanand B. Jadhav, Dr. Rajendra D. Kokate, Mrs. Nandini D. Jadhav	Development of Nano-sensing green element for hybrid vehicle application	College of Engineering Pune	15/11/2022	25/11/2022	_	College of Engineering Pune

Patents Published in 2021: 9

SI. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY YY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)
5	Application No. TEMP/E- 1/47966/201 9-MUM	Published	Rutuj Wankhade, M.N. Shaikh, B B Ahuja	Angular Mating Spur Gear	College of Engineering Pune	07/11/2019	14/05/2021	_	College of Engineering Pune
6	Application No. 20214 1042374	Published	Vijay M. Khadse	Image Processing Based Cost Effective The Municipal Parking Management System	College of Engineering Pune	19/09/2021	01/10/2021	_	College of Engineering Pune
7	Application No. 2019210 27975	Published	K.K.Tripathi, Kaksaheb D Waghmare, Tanveer Bagwan	Image Processing Based Cost Effective The Municipal Parking Management System	College of Engineering Pune	12/07/2019	15/01/2021	_	College of Engineering Pune
8	202121 016466	Published	Shyamal Virnodkar, Vinod Pachghare	A System for Water Stress Identification In Crops And Method Thereof	College of Engineering Pune	07/04/2021	28/05/2021	_	College of Engineering Pune
9	20202 1052979	Published	Kamlesh Chandravanshi ; Dr. Durgesh Kumar Mishra	A System and Method for Secure and Competent Energy Aware Routing in Spontaneous Wireless Sensor Network	College of Engineering Pune	04/12/2020	12/02/2021	_	College of Engineering Pune

SI. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY YY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)
				2021- Pate	ents Gran	ted			
1	Application No. 409/MUM/2 013	Granted	Dr. S. N. Sapali, Dr. Sandeep Kale	Unidirectional Wind Turbine	College of Engineering Pune	12/02/2013	29/09/2021	Granted Patent No. 378209	College of Engineering Pune
2	Application No.: 2212/MUM/ 2014	Granted	Dr S. S. Ohol; Banerjee Siddharth Sudhir; Kulkarni Shreyas Bhalchandra; Junghare Sarang Sahebrao	An Arrangement To Maintain Stability Of A Body Mounted On A Rocker- Bogie Mechanism	College of Engineering Pune	07/07/2014	19/03/2021	Granted Patent No. : 362205	College of Engineering Pune
3	Application No: 2021100238	Granted	Dr Girish Lakhekar, Dr L M waghmare, Dr Dipali Shende	Adaptive Spatial Trajectory Tracking Control for Autonomous Underwater Vehicle	College of Engineering Pune		31/03/2021	Granted Patent number: 2021100238	College of Engineering Pune
4	Application No. 2022/01523	Granted	PAWAR Manju Dhanraj, KOKATE, R. D. DESHMANE, Anil K, Gosavi, Vinodpur Rampuri SABLE, Ganeshi	An Automatic Speech Emotion Recognition System	College of Engineering Pune	03/02/2022	25/05/2022		College of Engineering Pune

SI. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY YY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)
5	Application No.20211058 714	Granted	Abhishek Bhatt	Multimode Image Fusion Technique for Automated Correlation Identification in Medical Images	College of Engineering Pune		03/11/2021	Granted Patent number:202 1105871	College of Engineering Pune
6	2022/06580	Granted	Vibha Vyas	A Convolutional Neural Network- Based Method and System for Associating Face and Facial Components	College of Engineering Pune	04/08/2021	20/04/2022	2021104946	College of Engineering Pune
7		Granted	Mukul Sutaone, Rajendra Patil	Optimal Resource allocation in Next-Generation Heterogeneous Mobile Network	College of Engineering Pune	24/08/2021	24/11/2021	Patent number: 2021107065	College of Engineering Pune
8	Application No. 2016210074 99	Granted	Dr. Parag Sadgir Priyanand Agale	Self-Purification Based Polluted Water Purification	College of Engineering Pune	03/03/2016	28/04/2021	Granted Patent No. 365518	College of Engineering Pune
9	2212/MUM/ 2014	Granted	Banerjee Siddhartha Sudhir, Kulkarni Shreyas B., Jungare sarang S., Shirude Abhijit Rajendra, Sapkal Ashok, Ohol S S	An Arrangement to Maintain Stability of a body Mounted on a Rocker Bogie Mechnism	College of Engineering Pune	15/01/2016	19/03/2021	Granted Patent No.:362205	College of Engineering Pune

SI. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY YY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)
10	Application No: 3781/MUM/ 2013	Granted	Dr. B.B.Ahuja, Mr. S. R. Bahulikar	Variable Speed Drive System with Ball Cluster	College of Engineering Pune	20/12/2013	05/02/2021	Granted Patent No. :357923	College of Engineering Pune
11	Application No: 1464/MUM/ 2015	Granted	Mayur Sanas, Dr. B.B.Ahuja, Dr. Arati Mulay	An Orthopaedic Plaster Splint	College of Engineering Pune	08/04/2015	30/04/2021	Granted Patent No. 365828	College of Engineering Pune
12	3621/MUM/ 2012	Granted	B. N. Chaudhari, R. T. Ugale and S. Baka	Hybrid excited rotor structures for line start permanent	College of Engineering Pune	15/02/2013	11/08/2021	Granted Patent No. :374267	College of Engineering Pune
13		Granted	Rupali Chopade, Vinod Pachghare	A Sorted String Table Based Data Recovery Technique for Cassandra	College of Engineering Pune	12/08/2021	24/11/2021	Patent number: 2021105374	College of Engineering Pune
14		Granted	Shyamal Satish Virnodkar, Vinod Pachghare	A System for Water Stress Identification In Crops And Method There Of	College of Engineering Pune	22/06/2021	28/07/2021	Patent number: 2021103519	College of Engineering Pune
15		Granted	D N Sonawane,Jayant Pawar,Kiran Diwate,Geeta Karande,S. Awachkar D K Agrawal	Disinfecting and Sterilizing Tray	College of Engineering Pune	10/12/2020	10/11/2021	Design No. 336098-001	College of Engineering Pune

Patents Published in 2021: 9

SI. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY YY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)
16		Granted	D N Sonawane, Jayant Pawar, Kiran Diwate, Geeta Karande, Swapnil Awachkar, D K Agrawal	Disinfecting and Sterilizing Chamber	College of Engineering Pune	10/12/2020	22/11/2021	Design No. 336097-001	College of Engineering Pune

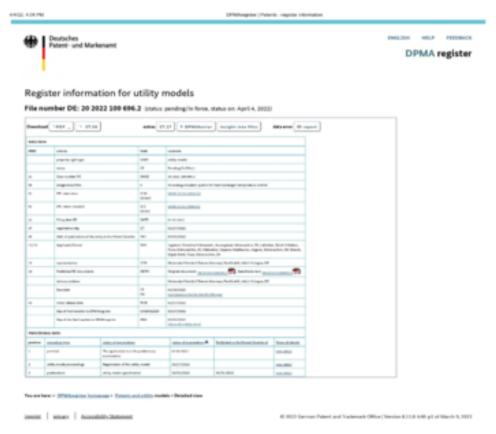
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Patents Granted in 2021: 16

Proofs for Patents Published



Patents Published in 2021: 9



Patents Published in 2021: 9





Patents Published in 2021: 9 Patents Granted in 2021: 16

(12) PATENT APPLICATION PUBLICATION	(21) Application No.201921045241 A	
(19) INDIA		
(22) Date of filing of Application: 07/11/2019	(43) Publication Date: 14/05/2021	

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(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Devisional to Application Number Filing Date	F16H0048100000, A43C0017020000, B23F0021280000, F16K0011074000 NA NA NA NA NA NA NA	(71)Name of Applicant: I)COLLEGE OF ENGINEERING Address of Applicant WELLESLEY RD., SHIVAIINAGAR PUNE 411005, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor: I)BUTUJ MOHAN WANKHADE. 2)ABITYA ABHAY JOGLEKAR 3)MOHEMMED SULEMAN SHAIKH 4)BHARATKUMAR BHAGATRAJ AHUJA
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(57) Abstract

ABSTRACT AN ANGULAR MATING SPUR GEAR An angular marting spur gear (AMSG) comprising a base radial component and teeth extending from the base radial component, each of said tooth being formed by defining a prior art¹⁸s spur gear tooth²⁸s involute profile, configuring a first point (P1-L), on a first lateral side of a booth of a gear, a second point (P2-L), on a second lateral side of the tooth of the gear, configuring a second (10), passing through said configured first point (P1-L) and said configured second point (P2-L), said secant (10) forming an axis of rotation about which said involute profile of said tooth is rotated (angularly displaced), thereby, forming a new inventive tooth, with a new profile, on the gear ¹⁸s circumferential edge. [[Figure 1]]



No. of Pages: 24 No. of Claims: 13

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TITLE OF INVENTION	MAKE PROCESSING BIGES COST SPECTIVE THE MUNICIPAL MAKING MAKAGEMENT SYSTEM
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REQUEST FOR EXAMINATION DATE	-
NIBUCATION DATE (US 114)	81/19/2007

Patents Published in 2021: 9



Patents Published in 2021: 9 Patents Granted in 2021: 16 (Http:///pinula.nic.in/inuex.num) (Nilly Plaintils no infenter him) PROPERTY INDIA. Application Details APPLICATION IN ARREST 20212101646006 APPLICATION TYPE ORDINARY APPLICATION CASE OF FILESCO. 67 Code 2007 1 . Mrs. Shyamal Satish Wmodker APPLICANT NAME. 2. Dr. Wood Pachghare 3 - Mins, Sangita Profit 4.00/X/G PMB 5 . Mr. Sund Rumar Plan 6. Nits, Kaytia Devenand Bathe. 7 - Mins, Minusuali Amilt Desuri TITLE OF INDENTION A SYSTEM FOR WATER STRESS IDENTIFICATION IN CROPS AND METHOD THEREOF RELEVEN ENVENERGY COMPLETE SCIENCE E-MAIL (As Per Record) manthideachter com-ADDITIONAL ONNS, IAs Per Record: mati@ideas2gr.com E-MAIL (UPDATED Ordina)

28/05/2021

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REQUEST FOR EURORANTION DATE -

PUBLICATION DATE (US 114)



Patents Published in 2021: 9

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PATRICIPE ONLY SHEET

REPUBLIC OF SOUTH APRICA	REGISTER OF PARENTS	PATENTS ACT, 1978
Official application No.	Letping date: Processed	Acceptance date
2022/01523	22	47 2022/03/14
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Page 1 of 2

No. 3 of 3

Patents Published in 2021: 9



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CERTIFICATE OF GRANT INNOVATION PATENT

Palent number: 2021104940

The Commissioner of Patents has granted the above patent on 20 April 2022, and cartifies that the below particulars have been registered in the Register of Patents.

Name and address of patentonia's

Rupal Sandy Kate of St. Vishwarath Karal MT World Feace University, S. No. 134, Paul Road Hothrol Fune 41 1256 mile.

(it Vehearath Karad M7 World Peace University of S. No. 1)4 Pead Road Koltrud Pure Maharashtra 811006 India

College of Engineering Pure of Releasily Rd. Drivaginager Pure 411 000, Maharastria, India

THE OF BUILDINGS

A CORNOLUMORAL NEURAL NETWORK-BASED METHOD AND SYSTEM FOR ASSOCIATING FINCE AND FACIAL COMPONENTS

Name of Investigation

Hute, Rugell Sandy, Vilharryse, Anues, Alein Damodar, Subsone, Mukut, Irabhan Munut, Mousann and Nath Shreetava, Suyash-Chandra

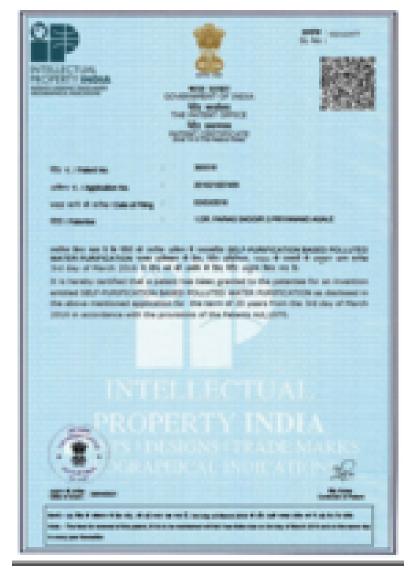
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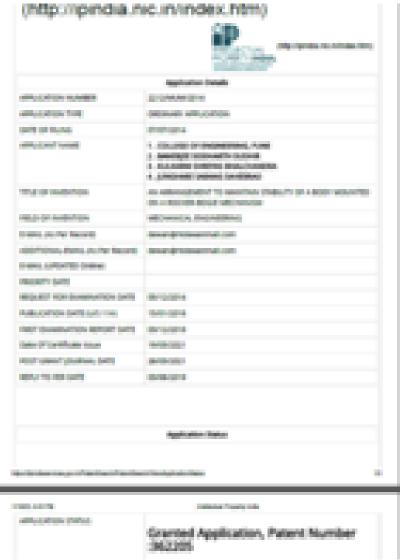
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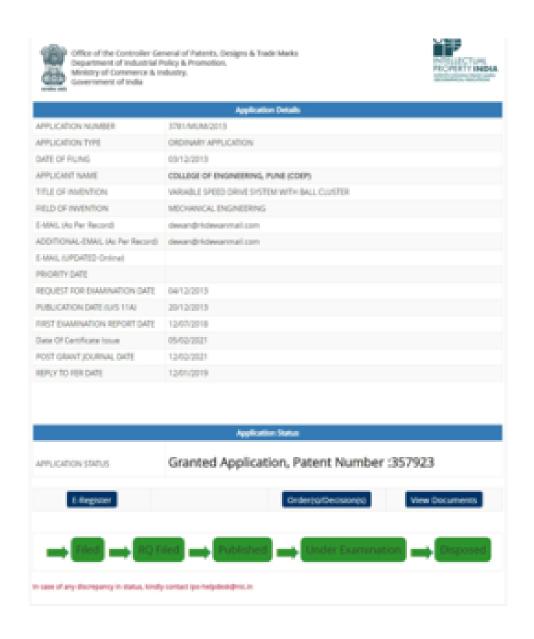
NOTE: This insocution Pigland connect be enforced unless and until it has been examined by the Commissionar of Patents and a Cartificate of Evamination has been issued. See sections 'Clicha' and 'Clich of the Patents Act 1990, set out on the issuess of this document.



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