

## Details of Patents from NSS College of Engineering, Palakkad.

SI No.	Title of Invention	Name of applicant	Application No/Ref No, & Date of filing/Date of publication
1	<p>“LPG Cylinder Carrier and Stair Climber” (A device for carrying LPG Cylinder to upper floor through stairs easily without much effort)</p>	Dr.Vinod V., (Professor, MED), Sreesankar, Sravan K K, Sreedhar N V, Sonu M, Sujeeth Kumar (Students, MED)	<p>Indian Patent Application No.1394/CHE/2015 A, 20/03/2015</p> <p>Published in Indian Patent Journal, Publication date 30/09/2016</p> <p>Page no. 69814</p>
2	<p>“Pro Hands- Article Holding Device” A device used for holding any items like bulb, clocks etc to be fixed in its prefixed positions.</p>	Jithin Babu (Student, MED)	<p>Indian Patent Application Application No. 5666/CHE Date of filing of Application: 21/10/2015 Publication date: 6/11/2015</p> <p>Published in Indian Patent Journal Page no. 59782</p>
3	<p>“Huxley Compact Private Vehicle” (A passenger drone which works with GDI engine)</p>	Fayad S. (Student, MED)	<p>Indian Patent Application Provisional Patent No.E-2/3094/2017-CHE Date of filing of Application: 23/10/2017</p>
4	<p>“An Electronic Multi-Handicap Aid” An IoT (Internet of Things) based smart-electronic multi -handicap aid (for blind, deaf, old aged people and low vision.,etc)</p>	Saheer M (Student, ECD)	<p>Indian Patent Application E-2/391/2018-CHE Application no. 201841004760</p> <p>Date of filing of Application: 8/2/2018</p> <p>Publication date: 08/02/2019 Published in Indian Patent Journal 06/2019 Page no. 5528</p>

5	<p>“A Portable Sterile Enclose for Surgical Procedures”</p> <p>A portable surgical unit/operation theatre/ sterile enclosure which can be carried in a back pack.</p>	<p>Dinoj Joseph (Student, MED)</p>	<p>Indian Patent Application Tamp/E-1/33248/2018-MUM,</p> <p>Application No. 201821030523,</p> <p>Date of filing of Application: 14/8/2018</p>
6	<p>“Human weight operated coconut dehusking machine” (A device operated using leg to dehusk a coconut with very less effort)</p>	<p>Dr.Vinod V., (Professor, MED), Anuvind Ajit, Alvin Sebastian , Amal Monsi Anandakrishnan G Akhil PK (Students, MED)</p>	<p>Indian Patent Application No.CBR No.29652, E-Ref No. 2/2858/2019-CHE, Application No. 201941036766 A Published in Indian Patent Journal No. 38/2019 dated 20/9/2019 page 4334</p>
7	<p>“A system and method for measuring an amount of fuel consumed and present in a cylinder” (An electronic smart cooking gas stove which display the consumption and remaining amount of LPG in a cylinder and do automatic booking)</p>	<p>Dr.Vinod V., (Professor, MED), Saheer M (Student, ECD)</p>	<p>Indian Patent Application No.CBR No.25843 E-2/2531/2019-CHE Application No. 201941032331 dated September 09, 2019</p>
8	<p>“Kitchen Sahay-Easy Coconut Scrapper” (A portable and safer device used to scrap coconut with out effort)</p>	<p>Dr. Vinod V (Prof., MED, Sadasivan M (Individual)</p>	<p>Indian Patent Application No.CBR No.33249 E-2/3199/2019-CHE Application No. 201941041192A Published in Indian Patent Journal No. 43/2019 dated 25/10/2019, page 50251</p>

<b>9</b>	<p>“ A knob position measurement system and method for electronic smart cooking gas stove” (A new smart knob system for smart stove)</p>	<p>Dr.Vinod V., (Professor, MED), Saheer M (Student, ECD)</p>	<p>Indian Patent Application Provisional Patent Application No.: 202041033934 dated : August 07, 2020</p>
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08.10.2018

**Letter of Appreciation**

I have great pleasure to state that based on the recommendation of the Technical Committee held on 22<sup>nd</sup> June 2018, to review the progress of IPR Cells, and considering your performance in the past five years, the Kerala State Council for Science, Technology and Environment (KSCSTE) has decided to select the Intellectual Property Rights Cell (IPR Cell) of NSS College of Engineering, Palakkad, as the best IPR Cell of KSCSTE for the year 2017, among other IPR Cells established by KSCSTE in other Colleges/Universities.

The major activities carried out by the IPR Cell include disseminating awareness on the significance of IPR among students, encouraging students to do innovative projects, scouting potential IPs from the students, providing guidance to students on protecting their intellectual creations and forwarding eligible cases of IP protection to PIC-Kerala/KSCSTE.

KSCSTE also place on record the due appreciation to Dr. Vinod V, Professor, Dept. of Mechanical Engineering, NSS College of Engineering, who is the Co-ordinator of the IPR Cell, for his excellent contributions and dedicated efforts for the effective implementation of the activities of the IPR Cell in the Institution.



**Dr. Suresh Das**  
**Dr. SURESH DAS**  
Executive Vice President  
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To

**The Principal,**  
NSS College of Engineering,  
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Copy to:

Dr. Vinod V, IPR Cell Co-ordinator & Professor, Dept. of Mechanical Engineering,  
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