

## **Activity Report of IPR Cell**

The Intellectual Property cell (IPR Cell) of NSSCE is established with financial and technical support of Kerala State Council for Science Technology and Environment (KSCSTE), Govt. of Kerala in the year 2010-2011. The main objective of the cell is to create awareness on the importance of creativity and innovation which leads to patents among the budding engineers in particular and the general community of the neighbouring regions of this college.

**Name, Designation & Contact Details of the IPR Cell Coordinator** : Dr. Vinod V, Professor, Dept. of Mechanical Engg., NSSCE, 9447335282

### **SELECTED AS THE BEST IPR CELL IN KERALA- 2017**

**Kerala State Council for Science Technology and Environment (KSCSTE), Govt. of Kerala has evaluated the activities of all the 23 IPR cells in various colleges and Universities in Kerala for the past 5 years and selected IPR cell of NSS College of Engineering as the best IPR Cell in Kerala for the year 2017. The appreciation is for the discriminating awareness of significance of IPR among students, encouraging students to do innovative projects, scouting potential IP's from students, providing guidance to students on protecting intellectual citations and forwarding eligible cases of IP protection to PIC/kSCSTE**

**Awards Received in the field of Innovation: Indian Automotive Technology Innovation Award, 2016, Innovation Leadership Award, 2015**



**Kerala State Council for Science  
Technology & Environment**

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**Dr. Suresh Das  
Executive Vice President**

No.005/MP-PIC/2010/KSCSTE

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  
Kerala State Council for Science,  
Technology & Environment  
Sasthra Bhavan, Pattom, Thiruvananthapuram-4

To

**The Principal,**  
NSS College of Engineering,  
Palakkad - 678 008.

Copy to:

Dr. Vinod V, IPR Cell Co-ordinator & Professor, Dept. of Mechanical Engineering,  
N.S.S College of Engineering, Palakkad - 678 008



## Details of Patents Published/Applied

Sl No.	Title of Invention	Name of applicant	Application No/Ref No, & Date of filing/Date of publication
1	LPG Cylinder Carrier and Stair Climber	Dr. Vinod V., (Professor, MED), Sreesankar, Sravan K K, Sreedhar N V, Sonu M, Sujeeth Kumar (MED)	Application no. 1394/CHE/2015 A, 20/03/2015  Publication date 30/09/2016  Page no. 69814
2	“Huxley Compact Private Vehicle” (This innovative project titled guided by Dr. Vinod V and Fayad S. From Dept. of Mechanical Engg has also received a project grant of Rs. 8,80,000/- by order no. 737/2017/KSCSTE dated 28/10/2017.)	Fayad S. (MED)	E-2/3094/2017-CHE, Application no. 201741037309 Date of filing of Application: 23/10/2017
3	Pro Hands- Article Holding Device	Jithin Babu.(MED)	Application No. 5666/CHE Date of filing of Application: 21/10/2015 Publication date 6/11/2015  Page no. 59782

4	An electronic Multi handicap Aid (This innovative project was granted Rs 2 Lakhs by Startup mission, Kerala for making Prototype)	Muhammed Saheer(EC)	E-2/391/2018-CHE Application no. 201841004760 Date of filing of Application: 8/2/2018
5	A Portable Sterile Enclose for Surgical procedures	Dinoj Joseph (MED)	Tamp/E-1/33248/2018- MUM, Application No. 201821030523, Date of filing of Application: 14/8/2018

## Consolidated Report 2013-2018

Name of the Institution/Organization : NSS College of Engineering, Palakkad

Name, Designation & Contact Details of the IPR Cell Coordinator : Dr. Vinod V, Professor, Dept. of Mechanical Engg., NSSCE, 9447335282

Year in which IPR Cell was established : 2011

Date on which the Co-ordinator took over the charge : 1/8/2013

SI No	Activities of IPR Cell during the last five years	Year				
		2013-14	2014-15	2015-16	2016-17	2017-18
1	No. of IPR Workshops/ Seminars/ Talks/Exhibitions organised, with or without the support of PIC-Kerala <b>(Details of programmes shall be attached</b>	2	1	2	3	2

	<b>as Annexure)</b>					
2	No of students sensitized	485	95	200	100	100
3	No of Inventions identified	3	6	2	1	4
4	No. of Patent Facilitation Forms forwarded to PIC- Kerala <b>(Details shall be attached as Annexure)</b>		6	2	0	0
5	No. of Patents filed in Patent Office <b>(Details of Patent applications shall be attached as Annexure)</b>		1	2	1	2
6	Any other IPs (like Designs, Trademarks, Copyrights, etc) identified	Nil	Nil	Nil	Nil	Nil
7	Any other IP (Copyright, Trademark, Design) filed <b>(Detailed shall be attached as Annexure)</b>	Nil	Nil	Nil	Nil	Nil
8	No. of IPR Queries cleared	32	41	20	20	20
9	No. of Students/ Faculty/ Researchers visited the Cell	88	96	102	100	100
10	Any other relevant activities (specify)			Conducted programs on innovation for school students	Conducted IPR programs for school students and made lab equipment's for them.	
11	Achievements ( if any)			Received "Innovation Leadership Award" instituted by the Asian Confederation of Business in February 2016 at Taj Lands,	An innovative project got the "Indian Automotive Technology Innovation Award" & The Student Innovator ot Award-2nd Runner Up, at	Innovative student projects which were submitted under TDAP (KSCSTE) and INNOVATE-(KSCSTE & KTU) schemes

				Mumbai	December 16, 2016 at The Grand, New Delhi	have received a research grant around Rs. 12.4 Lakhs
12	Amount allocated from PIC for the IPR Cell	10,000	10,000	10,000	10,000	10,000
13	Amount Utilized	10,000	10,000	10,000	10,000	10,000
14	Whether financial statements has been submitted to PIC on financial year basis	Yes	Yes	Yes	Yes	Yes
15	If No, mention the reason for non submission of documents	NA	NA	NA	NA	NA
16	Amount received from PIC-Kerala/KSCSTE for conducting IPR awareness Seminars/ Workshops	40,000	40,000	40,000	40,000	60,000