

13. Question No.14

Number of Patents: Patents filed (Upload details)(Period of Assessment: July1, 2018- June 30, 2019)

Sl No	Name & Designation of scientists	Invention	Application sent to
1.	Dr. M.R. Shylaja, Professor and Head, Dept. of Plant Biotechnology, Centre for Plant Biotechnology and Molecular Biology, College of Horticulture,	Gingerol composition made from <i>Zingiber officinale</i> (Roscoe) and a process for preparation thereof.	Inter University Centre for IPR Studies

1. Gingerol composition made from *Zingiber officinale* (Roscoe) and a process for preparation thereof.

Provisional Indian patent application number 201841018530 dated 17-5-2018, is received for the invention 'Gingerol composition and a process for preparation thereof from KAU ginger variety Karthika', by Dr. M.R Shylaja, Professor and Head, Dept. of Plant Biotechnology, Centre for Plant Biotechnology and Molecular Biology, College of Horticulture, Kerala Agricultural University, during May 2018.

The invention pertains to a ginger extract composition with at least 8% gingerol, made with the extracts of Karthika dry ginger rhizome. The active constituents in the composition primarily are gingerols, important one among them are [6]-gingerol, [8]-gingerol and [10]-gingerol. The gingerol composition also comprises Vitamin-E and edible excipients. The excipients are blended in a specific ratio to get a dry and free-flowing (powder) solid as final product. Another aspect of the invention is gingerol composition in a dosage form, selected from the group of a capsule, tablet, granule, sachet, powder, paste, ointment, infusion, injection, ampoule, solution, suspension, emulsion, pills, oil, cream, etc.



Gingerol product developed



Indian Patent