

# Development of polyherbal fortified nutraceuticals for geriatric population

## Abstract :

The nutraceutical comprised of multifunctional phytoactives delivering diverse multifaceted benefits like antioxidant, antiinflammatory, antihypertensive and antidiabetic activities to the consumer. The developed technology envisaged of cost effective and industry scalable nutraceutical product/s for geriatric population using easily available phyto-ingredients possessing known nutritional and antioxidant activity. The developed products are user friendly and convenient fortified nutraceutical product/s for geriatric population.

## Salient features of the Technology:

- Formulations are rich in polyphenolic and flavonoid compounds as reflected in in-vitro studies.
- Meets the nutritional requirements of geriatric population (proximate analysis).
- The products found to be safe (toxicity studies) and effective (arthritic model) in *in-vitro* and *in-vivo* studies.

## Products :

Herbal pellets and effervescent granules containing medicinal plants like *Acacia nilotica* (babul pods), *Nigella sativa* (kalonji seeds) and *Linum usitatissimum* (flax seeds).



Polyherbal pellets



Polyherbal effervescent granules

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