

Statement of Research Achievements

i U.S. AND INDIAN PATENTS GRANTED – A U.S. Patent (No. **6,428,825** dt 6th August 2002) and Indian patents (No. **188759** dated May 2003) and **Product patent No 230753 February 2009**) have been granted for the isolation of active anti-hyperglycemic principle from the pulp of *Eugenia jambolana* in a ICMR funded project for which I was the Principal Investigator. U.S. Patent has been granted for the first time on research work done in the University College of Medical Sciences, Delhi. Since, diabetes mellitus is a most challenging health problem for the 21st Century in the developing countries. We are hopeful that after proper toxicological studies and clinical trials it would have commercial potential and would benefit patients suffering from diabetes mellitus.

ii. .Anti-hyperglycemic and hypolipidemic compound and a process thereof from cassia auriculata leaves. (Patent No.417835 dt 12th Jan , 2023)

Patent filed -

i. A process for the preparation of Alpha hydroxy Succinamic acid: A herbal anti-diabetic compound isolated from E. Jambolana. Patent application No. 201911030346 dated 26th July, 2019.

ii. A herbal compound from germinated Glycine Max seeds for controlling diabetes & dyslipidemia .Patent application No. 481/DEL/2014 has been filed on 19th Feb, 2014.

AWARDS /HONORS/FELLOWSHIPS

- 1. UCMS LIFE TIME ACHIEVEMENT AWARD** – To Prof S.B.Sharma(Ex-Director- Professor University college of Medical Sciences, Delhi)
A brilliant academician, renowned researcher, an excellent teacher having devoted life time to the UCMS, Delhi, 2022
- 2** Awarded ISAR FELLOW in recognition and appreciation for the outstanding contribution to atherosclerosis research. 8th Nov, 2019, LHMC, Delhi

3.Awarded ACBI FELLOW for recognition of outstanding contribution in 40thACBICON, 2013, 3-6th Dec held at Delhi

4.Awarded Seth GS Medical College& KEM Hospital Oration Award at 29th ACBICON at Ranchi held on 12-14 December 2012

5.Awarded Fellowship of SOBSI for recognition of outstanding contribution towards the development of the medical and biological sciences at Jolly grant medical college Dehradun on 27th Jan 2012.

6..KURUP ORATION AWARD- Awarded in 23rd Annual Conference of Indian Society for Atherosclerosis Research & International Symposium on Atherosclerosis from Bench to Bedside held in 13th - 14th November, 2010 at University College of Medical Sciences & GTB Hospital, Delhi.

7.APCCB AWARD- Awarded in 10thAsian pacific congress of clinical biochemistry held in Sept. 2004 at Perth , Australia

8.ASIA B AWARD- I have been awarded ASIA-B award for the research work entitled "Coronary risk in the young male asymptomatic smokers" in the International Congress of Clinical Chemistry held on Oct. 2002 at Kyoto, Japan.