GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:6588
ANSWERED ON:06.05.2015
SMALL BUSINESS INNOVATION RESEARCH INITIATIVE
Mahajan Smt. Poonam

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) the aims and objectives of Small Business Innovation Research Initiative (SBIRI) programme;

(b) the details of projects sanctioned by the Department of Biotechnology during the last three years, years-wise and the total amount of funds spent on the same;

(c) whether SBIRI programme has led to the development and commercialization of technologies in the country since inception; and

(d) if so, the details thereof?

Answer

MINISTER OF STATE FOR SCIENCE & TECHNOLOGY AND EARTH SCIENCES

(a) Small Business Innovation Research Initiative (SBIRI) programme was launched by the Department of Biotechnology in 2005 to boost Public-Private-Partnership (PPP) efforts in the country. SBIRI was the first of its kind, early stage, innovation focused PPP initiative in the area of Biotechnology. Aims and Objectives of the scheme are:
to provide support for early stage, pre-proof-of-concept research in biotechnology by industry,
to support new indigenous technologies particularly those related to societal needs in the healthcare, food and nutrition, agriculture and other sectors,
to nurture and mentor innovative and emerging technologies/entrepreneurs, to assist new enterprises to forge appropriate linkages with academia and government
From the year 2013,SBIRI scheme has been transferred to Biotechnology Industry Assistance Council (BIRAC), a public sector, 'Not-for-Profit' Section 8 company, Registered under the Companies Act, 1956 (Section 8 of 2013 Act) set up by the Department of Biotechnology, Ministry of Science & Technology

(b) Details of Projects sanctioned during last 3 years and the amount spent in last 3 years is as below:

Year	No. of new projects sanctioned	Amount Spent (in lakhs)
2012-13	31	1280.32
2013-14	24	1047.05
2014-15	38	954.37
Total	93	3281.74

(c) & (d) Yes, Madam. The scheme has delivered 11 products that are commercialized and 8 products/technologies are ready for further validation and commercialization.

Products commercialized are as below:

"Fibro Heal" based on silk protein for burn wound management.
"Recombinant Follicle Stimulating Hormone (FSH)"-Foligraf for development of follicles.
"Recombinant Uricase-Rasburicase" to control hyperuricemia in cancer patients undergoing chemotherapy.. Recombinant Fuzeon for treatment of AIDS
Malaria Detection kit for qualitative detection of Malaria Parasite Antigens in Human Whole Blood.
MalariScan for the qualitative detection of Malaria parasite in human whole blood.
Nanotechnology based delivery of Osteoclast Inhibitory peptide for the treatment of osteoporosis.
Monoclonal antibodies for RBC phenotyping and treatment of snakebites.
PCR kit for detection of shrimp viruses.
Products from Fish waste
Biopesticides-Helimar & Spodomar
Low cost and reliable clinical chemistry analyser

Products/Technologies ready for validation/commercialization are:

Indigenous technology for production of Dextranase.
Technology to extract lycopene from tomato for value addition.
E.coli K12 a bacterial strain for production of industrial enzymes.
Fermentation technology for Entomopathogenic nematode (EPN) production for management of root grubs in areca nut.
Nitryfiying bioreactor
Cost effective process for phytase production
New technology for manufacture of organic fertilizer
Automated Bio-instruments viz. Dispensing system and Cell Count