

**GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:2675
ANSWERED ON:05.08.2015
Bio-Informatics Sector
Kalvakuntla Smt. Kavitha

Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY

(a) the steps being taken under the Department of Electronics and Information Technology (DEITY) for enhancing the country's competitiveness in the Bio-informatics sector; and

(b) the research projects that have been initiated by the Bio-informatics division of (DEITY) as on date?

Answer

ANSWER

MINISTER FOR COMMUNICATIONS AND INFORMATION TECHNOLOGY
(SHRI RAVI SHANKAR PRASAD)

(a): The Bioinformatics is the mandate of Department of Biotechnology (DBT), and is being operated since 1986-87. The nationwide Biotechnology Information Network (BTISnet) centre has been set up which comprises of 170 institutions. These centers are imparting trainings and conducting workshops mainly for the students, researchers and faculty members to improve the competency level in Bioinformatics. On an average 100 trainings/workshops are being organized through this network annually. Further, DBT under manpower development activity is supporting One year Diploma Course in Bioinformatics, M.Sc., M.Tech. and Ph.D. courses.

In order to improve the standard of education and level of expertise in the area of Bioinformatics a National level test namely Bioinformatics National Certification (BINC) is being organized every year. The details of this program are available at <http://www.btisnet.nic.in/binc.asp>.

In addition to aforementioned activities, Department of Electronics & Information Technology has been sponsoring projects in the area of R&D, Infrastructure development skill development in the Bioinformatics sector, the stress is on developing tools & algorithms for Bioinformatics sector. Details of the R&D programme of DeitY can be seen at <http://deity.gov.in/content/bio-informatics>.

(b): In last five years more than 100 R&D projects have been initiated and executed by Department of Biotechnology. The details of these projects are available at <http://www.btisnet.nic.in/btisnetprojects.asp>.

The details of the projects (on-going and completed) that have been initiated by DeitY in the area of Bioinformatics and Infrastructure can be seen at links below :

i) <http://deity.gov.in/content/completed-projectsmajor-achievements>

ii) <http://deity.gov.in/content/going-rd-projects>

iii) http://www.deity.gov.in/sites/upload_files/dit/files/E-Infrastructure_for_ongoing_project.pdf
