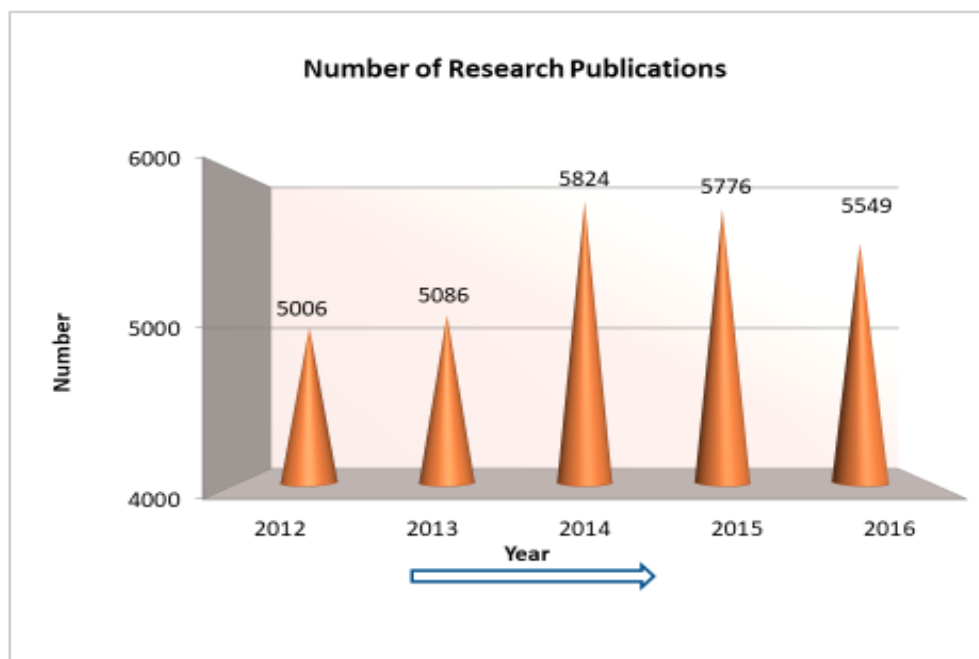


Scientific Excellence: Research Papers

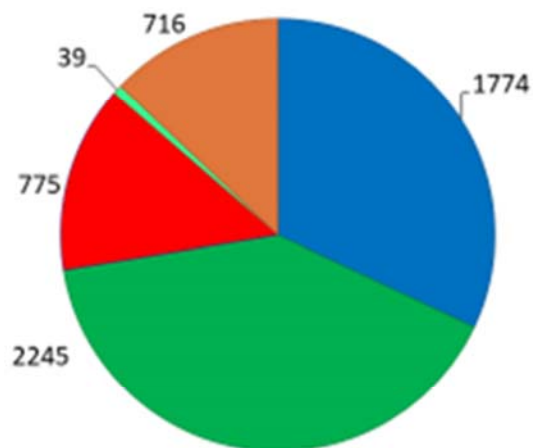
CSIR has published 5549 research papers during 2016 in SCI journals of repute. The new knowledge generated from CSIR laboratories is reflected in terms of high average Impact Factor (3.227). Following Graph shows the trend of research over the last five years as well as cluster wise publications during the year 2016:



Average Impact Factor per Paper



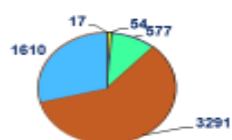
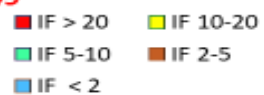
Publications During the Year 2016 Total= 5549



■ Biological Sciences ■ Chemical Sciences ■ Engg. Sciences
■ Information Sciences ■ Physical Sciences

Publications During the Year 2016

Total= 5549



Biological Sciences



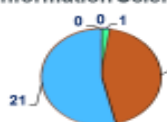
Chemical Sciences



Engg. Sciences



Information Sciences



Physical Sciences



Excellence in Intellectual Property

CSIR has filed 317 patents abroad and 225 patents in India during 2016-17, and it has been granted 298 patents abroad and 101 patents in India. Following graphs provide data on patents filed and patents granted over the last five years:

