MIM – Science forum : Topic- CSIR NET on 02.08.2018

Department of Immunology and Microbiology, The American college, Madurai

SCIENCE FORUM

Date : 02/08/2018

Topic : CSIR-NET

Minutes and Action Points:

The forum gathered by 3:20PM

Arshiya khan (Secretary) starts the session by welcome address

Soniya gives a brief information about the CSIR. CSIR-Council of Scientific and Industrial Research. There are about 38 to 39 field stations are their and it include 12,000 scientist. The field include: Aerospace engineering, ocean sciences, life sciences, metallurgy, chemical science, petroleum science, leather science,etc.,

Gowthami just explain the Research labs under CSIR. CSIR includes AMPRI (Advance Material and Process Research Institute, Bhopal), CECRI (Central Electro Chemical Research Institute, Karaikudi), IMTECH (Institute of Microbial Technology, Chandigarh), NBRI (National Botanical Research Institute, Lucknow), CCMB (Centre for Cellular and Molecular Biology, Hyderabad)

Thamilazhagan discuss about the history of CSIR. He said that in 1930's there occurs a need for the establishment of Research organization for the development of national resources and new industries in India. For that eminent citizen such as C.V.Raman, Seymour Sewell, J.C. Ghosh has proposed the advisary board of Scientific research in India.

Divya durga give a brief information about the exam pattern. She mentioned that there are 200 one word choice based questions and the exam timing is 3hours. The candidate can either choose the Junior Research Fellowship (JRF) or Lectureship (LS). This test is conducted for the subjects like Chemical science, Earth science, Life science, Mathematical science and Physical science.

Arshiya khan explained the achievements of CSIR. It include the India's first synthetic drug Methaquaibne, India's first tractor Swaraj, Bamboo flowering within few weeks, 14 seater plane (SARAS), Sequencing of whole human genome(2009) and Bio-suite software development (Bioinformatics software). And she highlight that the founder of CSIR was a tamilian named Arcot Ramaswamy mudaliar and Current director was Girish Sahni.

Virothini give the general information about the CSIR as it consists of 38 Labs,39 field stations and CSIR conducts the joint CSIR UGC NET which is the national level entrance examination in the field of science including Life science, Physical science, Mathematical science, Earth atmospheric ocean and planetary science. The test conducted for determining the Lectureship and JRF post.

Akila explained CSIR exam pattern. The CSIR exam pattern include Part-A, Part-B, Part-C. Part-A include 20 questions in which we should answer 15 questions which carries 2marks each; Part-b consists of 50 questions in which we have to answer for 35 questions and each carries 2marks and Part-C consists of 75 questions in which we have to answer for 25 questions and each question carries 4 marks.

Council of Scientific and Industrial Research (CSIR) is a R&D approved research organization coordinated by UGC and responsible for the research co-ordination and maintaining the standards of Universities and colleges. The NET exam comprises NET-LS and NET-JRF, in which most of them

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