

CRITERIA 3

Webinar on 'Biotechnology: Intersection of Biology and Technology'

28th February, 2023

Science Department celebrated National Science Day on 28th Feb., 2023 . On this day dept. organised a webinar on the topic 'Biotechnology: Intersection of Biology and Technology' . Dr. Siddharth Sharma, Associate Prof. Dept.of Biotechnology, Thapar Institute of Engineering and Technology, Patiala was the resource person . College Principal Dr. Neeru Sharma welcomed the resource person.

Dr. Siddharth Sharma explained meaning, scope, types and applications of Biotechnology. Sir also explained genetically modified models like replacement of damage human heart with that of pig. He throws light on how living organism are used to make different products like bandages,detergents etc. He explained the important role of biotechnology in pharmaceutical industries. He also explained about era of regenerative medicines, in which the paralysed person via spinal code or through brain are replaced by stem cell technology. He also gave examples about the use of stem cell technology in replacement of human pancrease. He made the students aware about recent researches like replacement of burning skin by artificial skin in case of acid attack. He ended up his talk by motivating students to adopt this field of biotechnology for themselves and for nation use. 110 students and Science faculty members participated in this webinar

