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1. Registration Number : **L-9980C/2021**
2. Name, address and nationality of the applicant : SANTOSH DEEMED TO BE UNIVERSITY , GHAZIABAD, UTTAR PRADESH-201009
INDIAN
3. Nature of the applicant's interest in the copyright of the work : OWNER
4. Class and description of the work : LITERARY/ DRAMATIC WORK
5. Title of the work : BIAST [BACTERIAL IDENTIFICATION AND ANTIBIOTIC SUSCEPTIBILITY
TESTING]
6. Language of the work : ENGLISH
7. Name, address and nationality of the author and if the author is
deceased, date of his decease : L.SAMEER SINGH FAUJDAR, 2.DR. DAKSHINA BISHT , DEPARTMENT OF
MICROBIOLOGY, SANTOSH DEEMED TO BE UNIVERSITY, GHAZIABAD, UTTAR
PRADESH-201009
INDIAN
8. Whether the work is published or unpublished : UNPUBLISHED
9. Year and country of first publication and name, address and nationality
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10. Years and countries of subsequent publications, if any, and names,
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14. If the work is an 'Artistic work' which is used or capable of being used in
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15. If the work is an 'Artistic work', whether it is registered under the
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through an industrial process and ,if yes ,the number of times it is
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17. Remarks, if any :
Diary Number : 1681/2021-CO/L
Date of Application : 23/01/2021
Date of Receipt : 23/01/2021


DEPUTY REGISTRAR OF COPYRIGHTS



**TITLE: BIAST (BACTERIAL IDENTIFICATION AND ANTIBIOTIC
SUSCEPTIBILITY TESTING)**

AUTHORS: SAMEER SINGH FAUJDAR & DR. DAKSHINA BISHT,

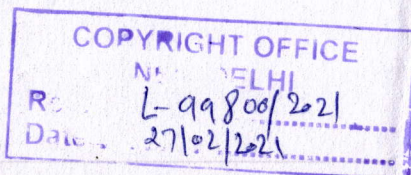
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Infectious diseases are one of the common reasons of death. Bacterial infection can be identified by various techniques such as culture, antigen or antibody detection and molecular methods.

Isolating the bacteria for identification followed by Antibiotic Susceptibility testing is the gold standard for diagnosis of bacterial infections. For isolation of bacteria, culture methods are used. Most of the diagnostic laboratory uses term "bacterial culture and sensitivity" for the diagnosis and appropriate antibiotic of choice for the bacterial infection. Technically this process comprises of two different methods and cannot be performed alone to serve the purpose because of antibiotic resistance. Physicians and common person often misunderstood it as two different tests and there is not one term which is provided for the same. Therefore term "**BIAST**" (Bacterial Identification and Antibiotic Susceptibility testing) would be a very simple term for these two tests and could be used by physician as well as microbiologist.



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Methods for Bacterial Identification:

1. Conventional method by using several biochemical tests
2. Automatic systems like Vitek 2 compact system

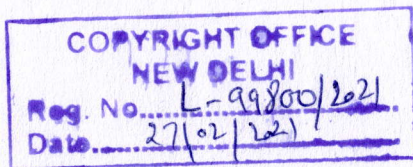
Methods for Antibiotic Susceptibility testing:

1. Conventional method by using Kirby-Bauer disc diffusion method
2. Automatic systems like Vitek 2 compact system

Place ...Ghaziabad

Dated...22/1/21.....

Santosh Deemed to be University



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