

# **Online Certificate Courses – Phase I**

Organized by

**B.S. Abdur Rahman Crescent Institute of  
Science & Technology  
School of Life Sciences**



**Launched on  
27<sup>th</sup> April 2020**

**Organizing Secretary**

**Dr. S. Hemalatha**  
Professor & Head  
School of Life Sciences

**Coordinators**

**Dr. P. Ashok Kumar**  
Associate Professor  
School of Life Sciences

Brochure



**STARTS on  
27.04.2020**

**Don't Miss it**



**B.S. Abdur Rahman Crescent Institute of Science  
and Technology, Vandalur, Chennai**  
School of Life Sciences

## **FREE ONLINE COURSES IN BIOTECHNOLOGY**

### List of free courses

- ❖ Molecular Cloning
- ❖ Microbial applications
- ❖ Plant tissue culture
- ❖ Immunology
- ❖ Nano robotics
- ❖ Cancer biology
- ❖ Covid 19
- ❖ Courses conducted by experienced faculty
- ❖ No registration fee
- ❖ Online exam will be conducted after the course
- ❖ E-Certificate will be provided

For Registration:  
<https://forms.gle/VRci2w1id85EEToX7>

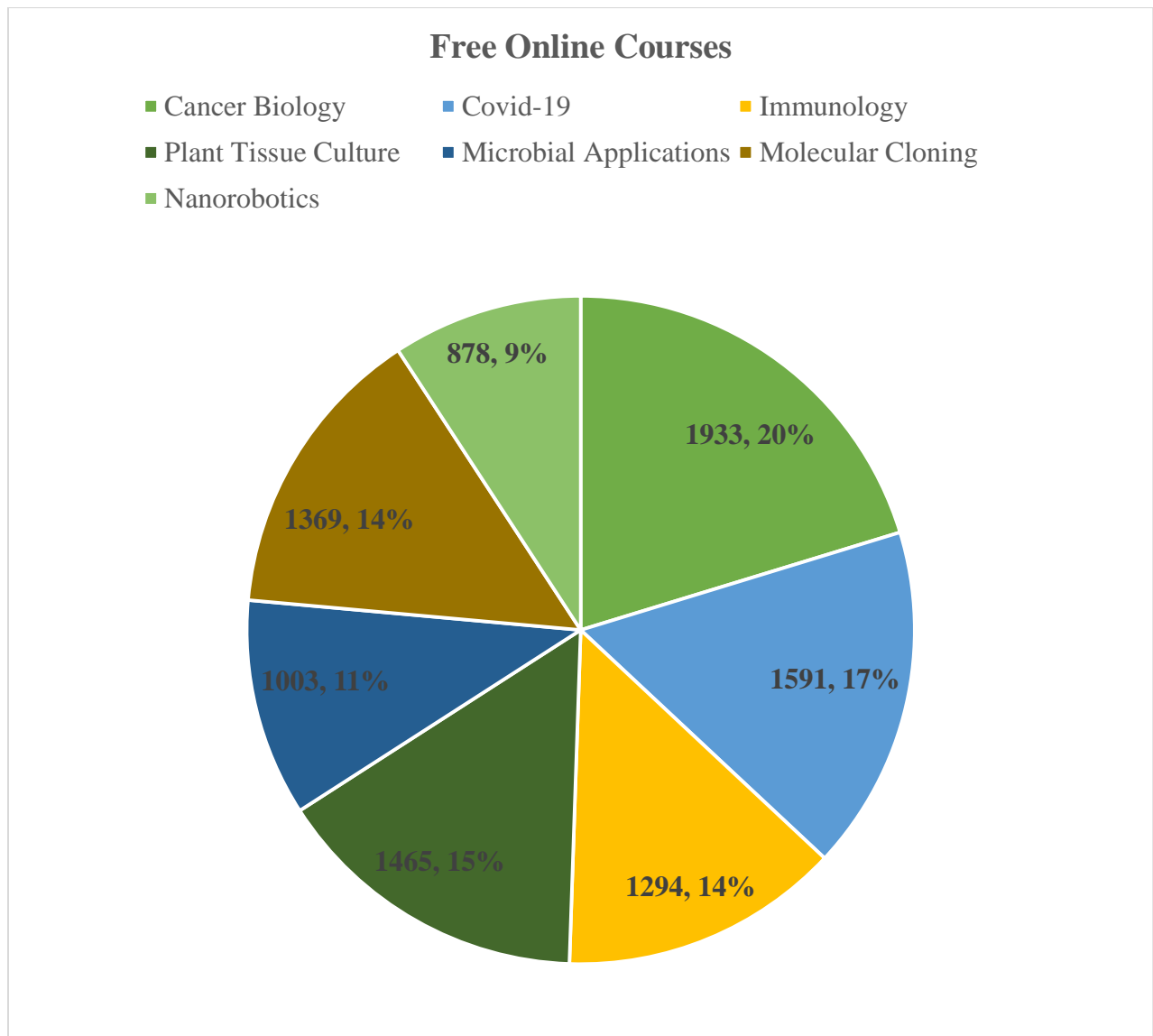


Mobile : +91- 8248145481,

Nature of Participants: **Students**

Total number of participants: **9533**

Registration Fee: **Free**

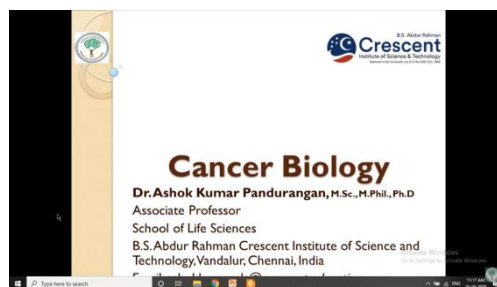


**Registration link:** <https://forms.gle/TCvui9LyU56M2njHA>

## Courses

**Cancer Biology:** <https://forms.gle/yNKywtFhKpNzpAUy5>

Instructor: Dr. P. Ashok Kumar, Associate Professor,  
School of Life Sciences, B.S. Abdur Rahman Crescent  
Institute of Science & Technology, Chennai.



## Molecular Cloning:

<https://forms.gle/MYNZx8sdMwQts7fR8>

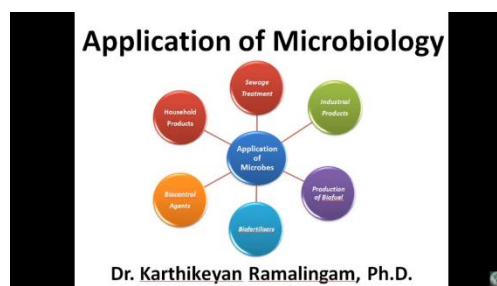
Instructor: Dr. Soumen Bera, Assistant Professor, School of  
Life Sciences, B.S. Abdur Rahman Crescent Institute of  
Science & Technology, Chennai



## Microbial Applications in Daily Life:

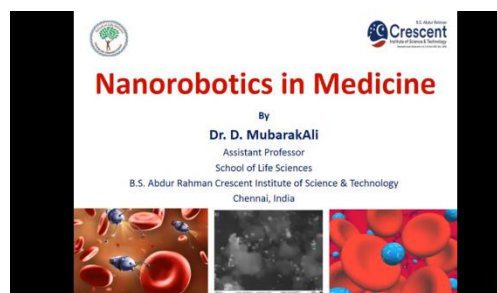
<https://forms.gle/6Wsi8ZhMD1VBut369>

Instructor: Dr. Karthikeyan Ramalingam, Associate  
Professor, School of Life Sciences, B.S. Abdur Rahman  
Crescent Institute of Science & Technology, Chennai



**Nano Robotics:** <https://forms.gle/Qxf4LoQ8kgpevd2N7>

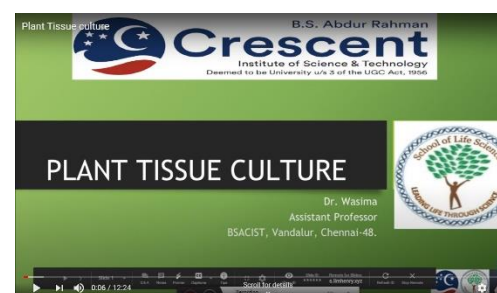
Instructor: Dr. D. Mubarakali, Assistant Professor, School of  
Life Sciences, B.S. Abdur Rahman Crescent Institute of  
Science & Technology, Chennai



## Plant Tissue Culture:

<https://forms.gle/sFTMEwqWCT6Awiom7>

Instructor: Dr. Wasima, Assistant Professor, School of Life  
Sciences, B.S. Abdur Rahman Crescent Institute of Science  
& Technology, Chennai



**Immunology:** <https://forms.gle/LjUNdeM5mm33iyHt8>

Instructor: Dr. Waseem M, Assistant Professor, School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai

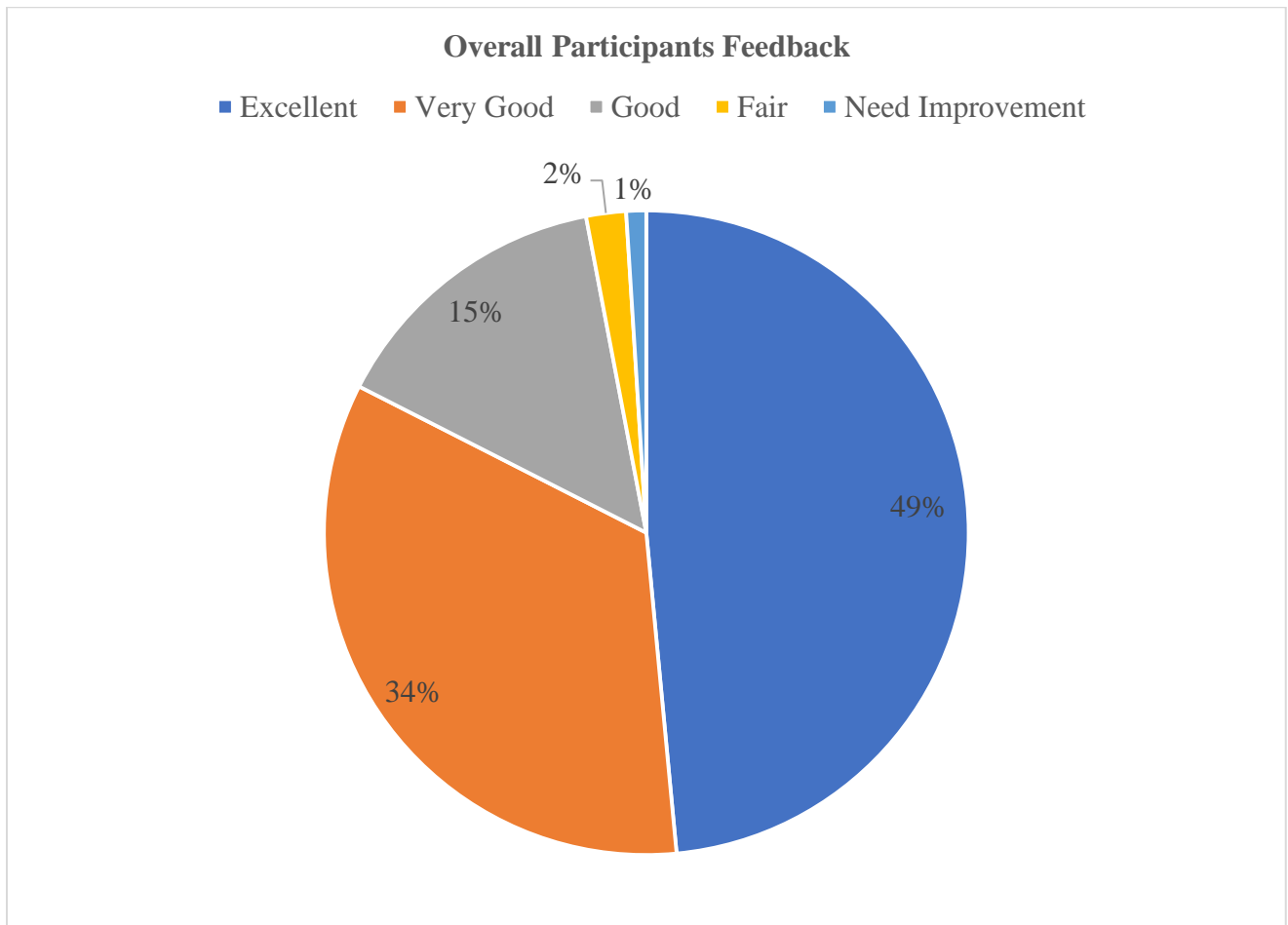


**COVID-19:** <https://forms.gle/jV18XKumZa3nkgAa8>

Instructor: Dr. U. Vimal Kumar, Assistant Professor, School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai



### Participants Feedback



# Certificate

 **B.S. Abdur Rahman Crescent Institute of Science and Technology**  
School of Life Sciences

**Certificate**  
This is to certify that

<<Name>>

Has successfully completed the online course on

**Microbial Applications in Daily Life**

Conducted by  
School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai, India.

Dr. R. Karthikeyan      Dr. P. Ashok Kumar      Dr. S. Hemalatha  
Assoc. Prof. & Course Instructor      Assoc. Prof. & Course Co-ordinator      Professor & Dean, SLS

 **B.S. Abdur Rahman Crescent Institute of Science and Technology**  
School of Life Sciences

**Certificate**  
This is to certify that

<<Name>>


Has successfully completed the online course on

**Cancer Biology**

Conducted by  
School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai, India.

Dr. P. Ashok Kumar (Assoc. Prof.)      Dr. S. Hemalatha  
Course Instructor and Co-ordinator(SLS)      Professor & Dean, SLS

 **B.S. Abdur Rahman Crescent Institute of Science and Technology**  
School of Life Sciences


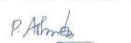

**Certificate**  
This is to certify that

<<Name>>


Has successfully completed the online course on

**Molecular Cloning**

Conducted by  
School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai, India.

Dr. Soumen Bera      Dr. P. Ashok Kumar      Dr. S. Hemalatha  
Asst Prof & Course Instructor      Assoc. Prof. & Course Co-ordinator      Professor & Dean, SLS

 **B.S. Abdur Rahman Crescent Institute of Science and Technology**  
School of Life Sciences


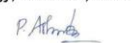

**Certificate**  
This is to certify that

<<Name>>

Has successfully completed the online course on

**Nanorobotics**

Conducted by  
School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai, India.

Dr. D. Mubarak Ali      Dr. P. Ashok Kumar      Dr. S. Hemalatha  
Asst Prof. & Course Instructor      Assoc. Prof. & Course Co-ordinator      Professor & Dean, SLS

 **B.S. Abdur Rahman Crescent Institute of Science and Technology**  
School of Life Sciences



**Certificate**  
This is to certify that

<<Name>>

Has successfully completed the online course on

**Plant Tissue Culture**

Conducted by  
School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai, India.

Dr. Wasima M      Dr. P. Ashok Kumar      Dr. S. Hemalatha  
Asst Prof. & Course Instructor      Assoc. Prof. & Course Co-ordinator      Professor & Dean, SLS

 **B.S. Abdur Rahman Crescent Institute of Science and Technology**  
School of Life Sciences

**Certificate**  
This is to certify that

<<Name>>


Has successfully completed the online course on

**COVID-19**

Conducted by  
School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai, India.

Dr. Vimal Kumar      Dr. P. Ashok Kumar      Dr. S. Hemalatha  
Asst Prof. & Course Instructor      Assoc. Prof. & Course Co-ordinator      Professor & Dean, SLS

 **B.S. Abdur Rahman Crescent Institute of Science and Technology**  
School of Life Sciences

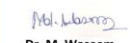


**Certificate**  
This is to certify that

<<Name>>

Has successfully completed the online course on

**Immunology**

Conducted by  
School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai, India.

Dr. M. Waseem      Dr. P. Ashok Kumar      Dr. S. Hemalatha  
Asst. Prof. & Course Instructor      Assoc. Prof. & Course Co-ordinator      Professor & Dean, SLS

# **Webinar on "Recent Advances and Applications of Biotechnology"**

Organized by

**B.S. Abdur Rahman Crescent Institute of  
Science & Technology**

**School of Life Sciences**



on

**2<sup>nd</sup> May 2020**

**Organizing Secretary**

**Dr. S. Hemalatha**

Professor & Head

School of Life Sciences

**Coordinators**

**Dr. P. Ashok Kumar**

Associate Professor  
School of Life Sciences

**Dr. Soumen Bera**

Assistant Professor  
School of Life Sciences

## Brochure



**Webinar on  
Recent advances  
and applications  
of biotechnology**

**Target Audience: Biology,  
Botany, Zoology teachers  
from Schools**

**Registration  
FREE**

**02 MAY 2020**  
**Recent advances  
and applications of  
biotechnology**



B.S. Abdur Rahman

**Crescent**

Institute of Science & Technology  
Deemed to be University, U-1077A, K-10, New



**Course coordinators**

**Dr. P Ashok Kumar & Dr. Soumen Bera**  
8248145481; 7418362096

<https://forms.gle/3nooFVZfBsvHCY2M9>



02 May 2020  
3:00 – 4:00 pm

**ORGANIZED BY  
SCHOOL OF LIFE SCIENCES  
BS ABDUR RAHMAN  
CRESCENT INSTITUTE OF  
SCIENCE AND  
TECHNOLOGY**

Seethakathi Estate GST  
Road/Chennai-Trichy National  
Highway, NH45, Vandalur, Tamil  
Nadu 600048, India

044 22759215

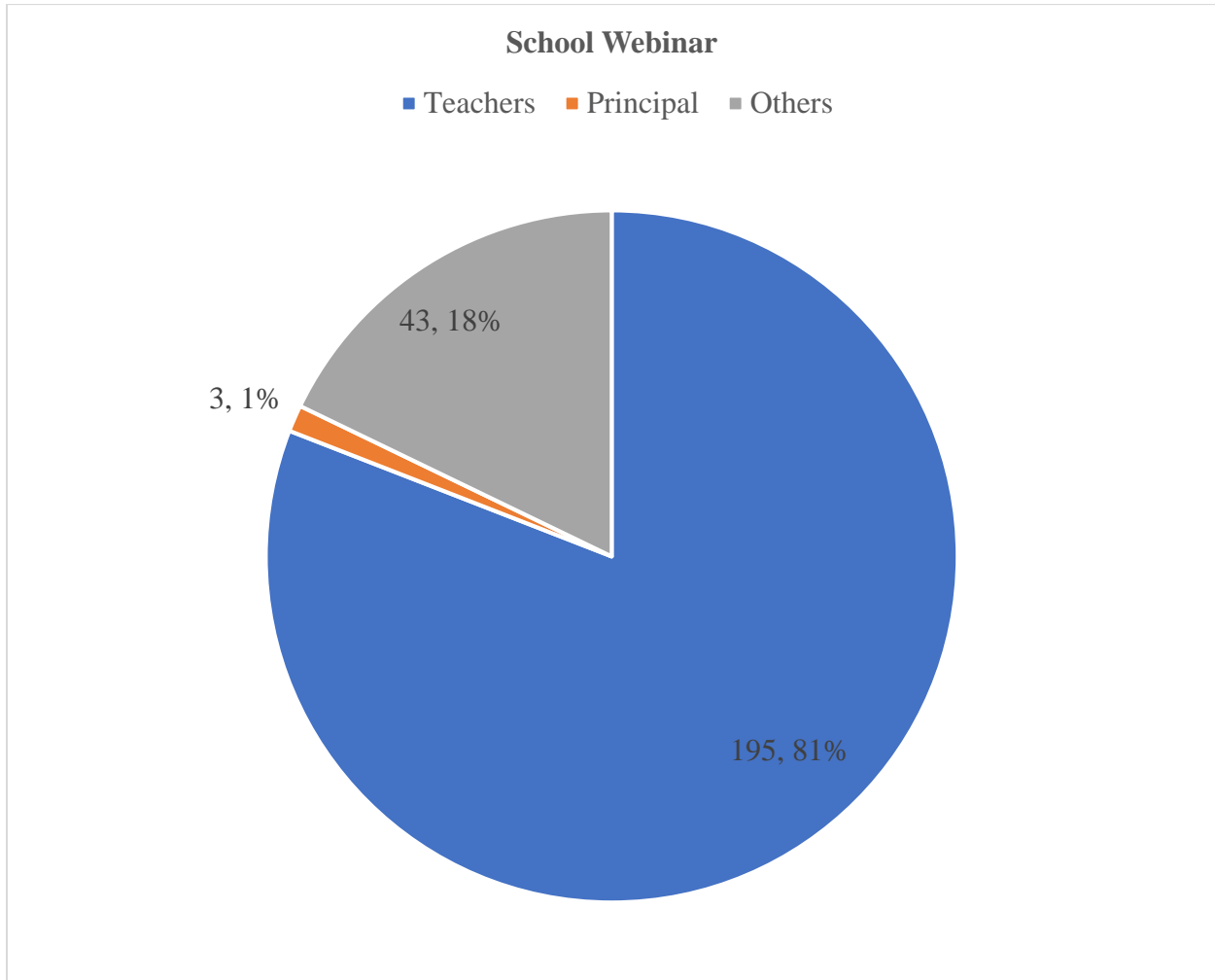
[dean.sls@crescent.education](mailto:dean.sls@crescent.education)



Nature of Participants: **School Teachers**

Total number of participants: **241**

Registration Fee: **Free**



Registration link: <https://forms.gle/UMFwZY35dAj8bPwH7>

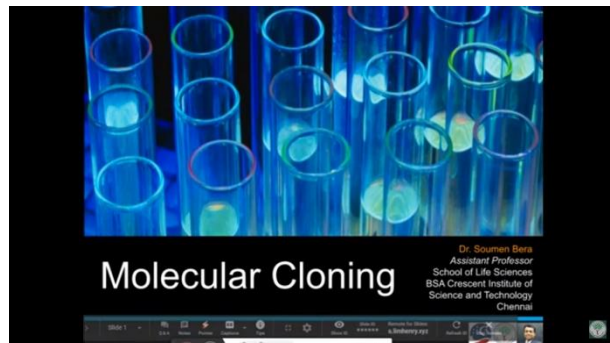
## Schedule

**Session I:** Recombinant DNA Technology and its application in Biotechnology

### Topic I: Molecular Cloning

Speaker: Dr. Soumen Bera, Assistant Professor,  
School of Life Sciences, B.S. Abdur Rahman  
Crescent Institute of Science & Technology,  
Chennai

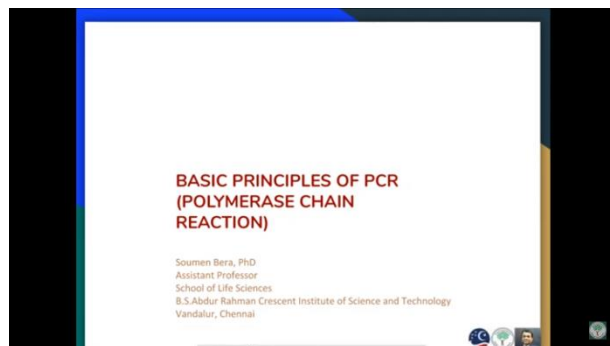
Video URL: [https://youtu.be/\\_oqDRxW6p5s](https://youtu.be/_oqDRxW6p5s)



### Topic II: Polymerase Chain Reaction (PCR)

Speaker: Dr. Soumen Bera, Assistant Professor,  
School of Life Sciences, B.S. Abdur Rahman  
Crescent Institute of Science & Technology,  
Chennai

Video URL: <https://youtu.be/AuBDaSQwp9k>



### Topic III: Plant Tissue Culture

Speaker: Dr. Wasima, Assistant Professor,  
School of Life Sciences, B.S. Abdur Rahman  
Crescent Institute of Science & Technology,  
Chennai

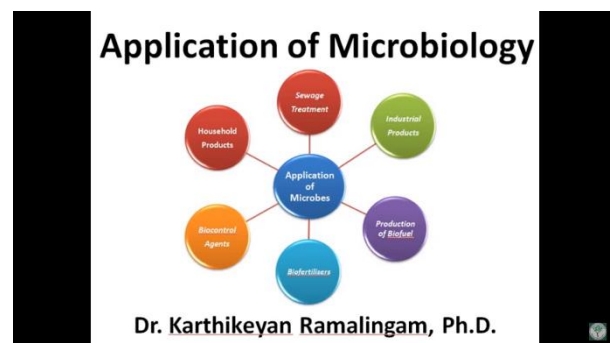
Video URL: <https://youtu.be/kWqpyPnvhLs>



### Topic IV: Microbial Applications

Speaker: Dr. Karthikeyan Ramalingam,  
Associate Professor, School of Life Sciences,  
B.S. Abdur Rahman Crescent Institute of Science  
& Technology, Chennai

Video URLs: <https://youtu.be/UoUacOGcTH4>;  
<https://youtu.be/S7hssFYvde8>;  
<https://youtu.be/epRY3KNNYdw>;  
<https://youtu.be/Xhz-8uikaR4>



## Session II: Molecular Diagnostics

### Topic V: Gene Therapy

Speaker: Dr. Soumen Bera, Assistant Professor,  
School of Life Sciences, B.S. Abdur Rahman  
Crescent Institute of Science & Technology, Chennai

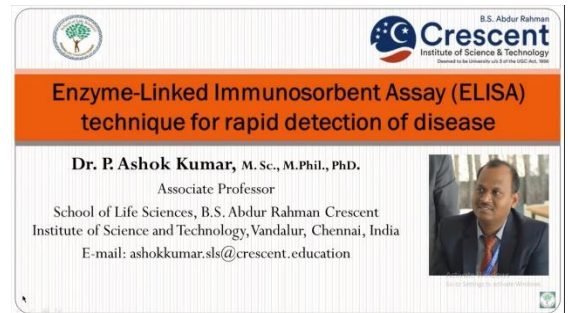
Video URL: <https://youtu.be/ftyzBhoxbRA>



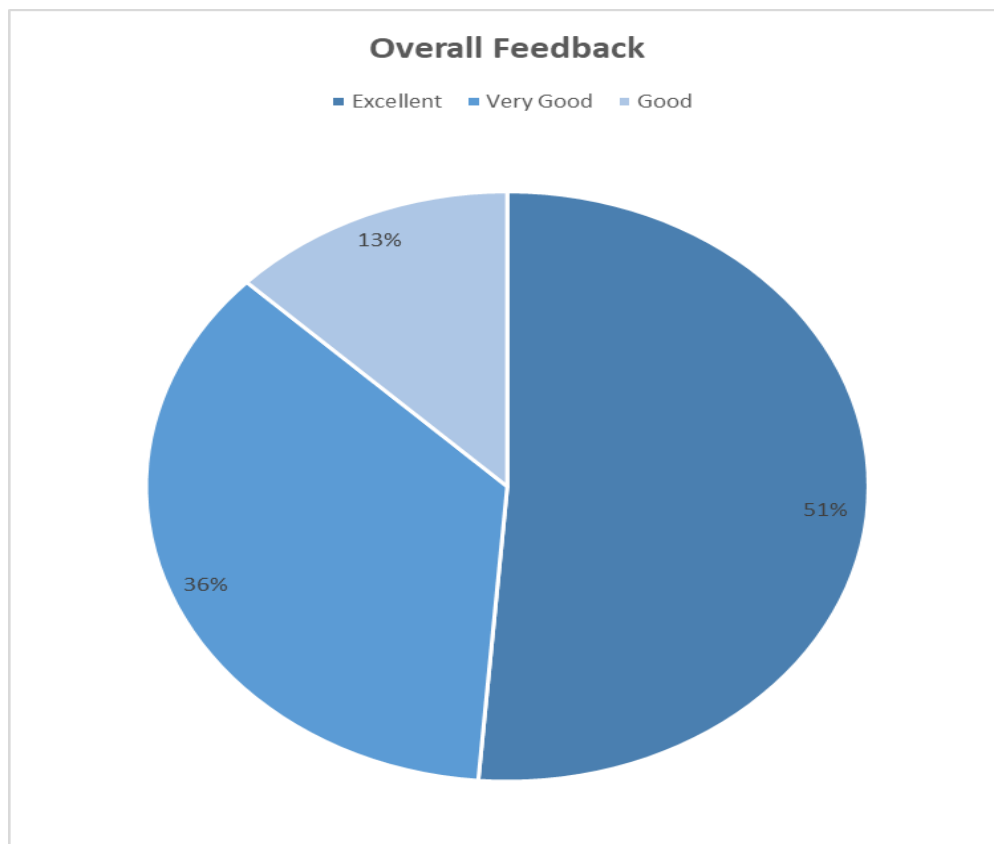
### Topic VI: Enzyme-linked immunosorbent assay for rapid detection of diseases (ELISA)

Speaker: Dr. P. Ashok Kumar, Associate Professor,  
School of Life Sciences, B.S. Abdur Rahman  
Crescent Institute of Science & Technology, Chennai

Video URLs: <https://youtu.be/w-fJypPKhx8>



## Participants Feedback



## Certificate

**B.S. Abdur Rahman Crescent In**



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Participated i

**Recent Advance:  
of Biote**

**Orga**

**School of Life Sciences, B.S. Abdur  
and Technology, Va**

**Dr. Soumen Bera (Asst. Prof)**  
Course Coordinator

**Dr. P. Asho**  
Cou

# **Workshop on “Food Safety, GMP and HACCP”**

Organized by

**B.S. Abdur Rahman Crescent Institute of  
Science & Technology**

**School of Life Sciences**

**in association with**

**HiRise Food Tech Lab**



**Organizing Secretary**

**Dr. S. Hemalatha**

Professor & Head

School of Life Sciences

**Launched on**

**29<sup>th</sup> & 30<sup>th</sup> June 2020**

**Resource Person**

**Ms. Ramya Kannan**

CEO

Hi-Rise Food Tech Lab

**Coordinator**

**Dr. M.K. Sangeetha (Asst. Prof.)**

**Ms. S. Ranjani (Sci. Asst.)**


**Dr. C. Simon Durairaj (Sci. Asst.)**

# Brochure

## Farm to Fork





### Food Safety All the Way

## Be A Part of This!



"Let food be thy medicine and medicine be thy food."  
Hippocrates

**B.S. Abdur Rahman Crescent Institute of Science & Technology**  
**School of Life Sciences**  
In association with  
**HIRISE Food Tech Lab**  
Chennai



**Organizing Two Days**  
Virtual Workshop  
on  
**Food Safety, Good Manufacturing Practices  
&  
Hazard Analysis and Critical Control Point**

**Convenor**  
**Dr. S. Hemalatha**  
Prof. & Dean  
School of Life Sciences

**Resource Person**  
**Ms. Ramya Kannan**  
CEO  
HI-RISE Food Tech Laboratory

**Coordinators**  
**Ms. S. Ranjani**  
Scientific Assistant

**Dr. . M. K. Sangeetha**  
Assistant Professor

**Dr. C. Simon Durairaj**  
Scientific Assistant

**Salient Features**

- Case study/workshops/quiz
- **E-Certificate will be provided**
- Requirements and expectations food industries, in terms of Quality Safety

**Who can Participate?**  
Any life science students, people from food industry or small entrepreneurs

**Account Details**

Acc. Name : Dean, School of Life Sciences  
Acc. No. : 165701000019853  
IFSC code : IOBA0001657  
Bank : Indian Overseas Bank (IOB)  
Branch : Vandalur, Chennai


**How to Register**

- Transfer the money to the A/c no.
- Copy the transaction no. and take a screenshot of your payment
- Follow the registration link or Scan QR code to register
- Provide your Name and basic details
- Send the proof of your payment to the email [simon.sls@crescent.education](mailto:simon.sls@crescent.education). (In the email subject please mention, "Registration proof")

**June, 23 & 24 2020**  
**9 AM to 1 PM**

**Live at Google Meet**

**Register at**  
<https://forms.gle/nbZ8RaMwxxpEuCSZ6>



**Registration Fee: Rs.1000/-**

[dean.sls@crescent.education](mailto:dean.sls@crescent.education)  
+91 99624 44559;  
+91 99942 72423

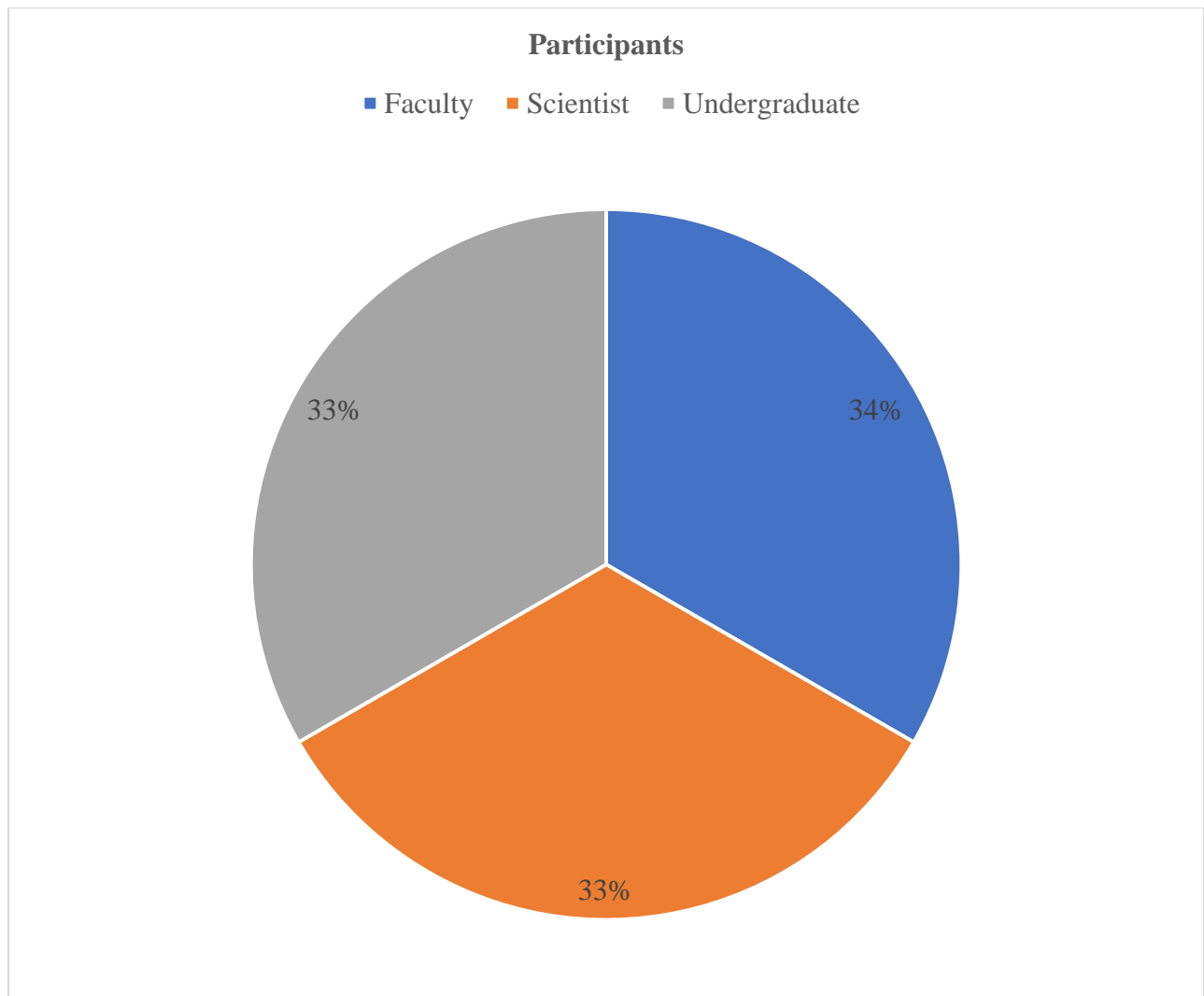
### Participants Details

Nature of Participants: **Any life science students, people from food industry or small entrepreneurs**

Total number of Participants: **3**

Registration fee: **1000/-**

Fee Received: **3000/-**



Quiz URL: <https://forms.gle/96df6fVcy5XXcqYC9>

## Certificate model



# CERTIFICATE

## OF PARTICIPATION

This is to Certify that

*Name*

Has Participated in the 2 days Virtual Workshop on

**"Food Safety, GMP & HACCP"**

Organized by School of Life Sciences (SLS), B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai in association with HIRISE Food Tech Lab, Chennai, held on June 29 & 30, 2020.

  
**Ms. Ramya Kannan**  
HI-RISE FOOD TECH LAB

  
**Dr. S. Hemalatha**  
Convenor & Dean, SLS