

**SRR & CVR GOVT. DEGREE COLLEGE (A) VIJAYAWADA**  
**DEPARTMENT OF MICROBIOLOGY**



**International Virtual Talk**  
**On**

“r DNA Technology and Fermentation in Industry: An Integrated Approach in Science and Technology for Sustainable Future”

**on the occasion of National Science Day 2022**

**26<sup>th</sup> February 2022 12:00 Noon**



**Registration Link:** <https://forms.gle/S9zCbzD1fkwHZHG6>  
**Telegram Group Link:** <https://t.me/+Tq9qsoVqYWUyZDRI>

**SRR & CVR Govt. Degree College (A), Vijayawada is inviting you to a  
scheduled Zoom meeting.**

**Topic: International Virtual Talk On: “rDNA Technology and Fermentation in  
Industry: An Integrated Approach in Science and Technology for Sustainable Future”  
Time: Feb 26, 2022 12:00 PM India**

**Join Zoom Meeting**

**[https://us02web.zoom.us/j/88570086976?pwd=azkxUDlrd2ZXdHp2YkViMlhSMncxQT  
09](https://us02web.zoom.us/j/88570086976?pwd=azkxUDlrd2ZXdHp2YkViMlhSMncxQT09)**

**Meeting ID: 885 7008 6976**

**Passcode: 281463**

**One tap mobile**

**+13126266799,,88570086976#,,,,\*281463# US (Chicago)**

**+13462487799,,88570086976#,,,,\*281463# US (Houston)**

**Dial by your location**

**+1 312 626 6799 US (Chicago)**

**+1 346 248 7799 US (Houston)**

**+1 669 900 6833 US (San Jose)**

**+1 929 205 6099 US (New York)**

**+1 25...**



**SRR & CVR GOVT. DEGREE COLLEGE (A) VIJAYAWADA  
DEPARTMENT OF MICROBIOLOGY**



*On the Occasion of National Science Day 2022*

**International Talk  
On**



**“rDNA Technology and Fermentation in Industry: An Integrated Approach in  
Science and Technology for Sustainable Future”**



**26<sup>th</sup> February 12:00 Noon**

**Presented By  
Mr. M. V.S.K. Mohan, Head of the Department  
Human Insulin API Production  
Jalpar, United Arab Emirates**



# S.R.R. & C.V.R. GOVT. DEGREE COLLEGE

(Autonomous)

NAAC accredited with 'B+' Grade

Machavaram, VIJAYAWADA - 520 004, Krishna District.

Cell : 9848251236 Ph : 0866-2430060, Fax : 0866-2441092, www.srrcvr.ac.in srrandcvr@gmail.com



*Dr. K. Bhagya Lakshmi*, M.Sc., M.Phil., Ph.D.

Date .....

Principal

To

Mr. M. V.S.K. Mohan

Head of the Department

Human Insulin API Production

Jalpar

United Arab Emirates

Dear Sir

Sub: - Department of Microbiology- Invited Talk - (DNA technology and Fermentation in Industry) Invitation – Request - Regarding.

I have the pleasure of inviting you to deliver an Invited talk on “**rdNA technology and Fermentation in Industry: An Integrated Approach in Science and Technology for sustainable future**” through virtual mode by the Department of Microbiology to be scheduled on 26<sup>th</sup> February at 12:00 Noon on the occasion of National Science Day 2022. We request you to spare your services and look forward to your vibrant presence to inspire our young student aspirants. I further request you to make a virtual open house of your esteemed Research Laboratory or Institute

Thanking you Sir

*Allexandra*  
25.2.2022

Principal  
SRR & CVR GOVT. DEGREE COLLEGE  
(Autonomous)  
Machavaram, VIJAYAWADA - 520 004



**SRR & CVR GOVT DEGREE COLLEGE (A), VIJAYAWADA  
DEPARTMENT OF MICROBIOLOGY**

**On the Occasion of National Science Day 2022**



**Invited talk on**



**"rDNA Technology and Fermentation in Industry: An  
Integrated Approach in Science and Technology for  
Sustainable Future"**



**26th February 2022**

**VENUE : Mini Conference Hall**

**TIME : 12 Noon**

**PRESIDENT : Dr.K.Bhagyalakshmi, Principal**

**CHEIF GUEST : Mr. M.V.S.K. Mohan, Head of the Department  
Human Insulin API Production  
Julphar, United Arab Emirates**

**----- ORGANIZED BY -----**

**Dr.D.Jyothi, In-charge, Department of Microbiology  
Dr.Kopuri Aruna, Department of Microbiology**



**SRR & CVR GOVT DEGREE COLLEGE (A)  
VIJAYAWADA  
DEPARTMENT OF MICROBIOLOGY**

**On the Occasion of National Science Day 2022**

**Virtual Open House  
To  
Human Insulin API Production  
Julphar, United Arab Emirates**

**26th February 2022  
TIME: 1:30 PM**



**-----PRESENTED BY-----**

**Mr.M.V.S.K. Mohan  
Head of the Department  
Human Insulin API Production  
Julphar, United Arab Emirates**

**-----ORGANIZED BY-----**

**Dr.D.Jyothi, In-charge, Department of Microbiology  
Dr. Kopuri Aruna, Department of Microbiology**

**SRR & CVR GOVT. DEGREE COLLEGE (A) Vijayawada**  
**Department of Microbiology**  
**Activity Register 2020-2021**

Date	26-02-2022
Conducted through (DRC/JKC/ELF/NCC/NSS/Departments etc.)	Department of Microbiology
Nature of Activity (Seminar/Workshop/Extn. Lecture etc.,)	International Virtual Talk
Title of the Activity	“r DNA Technology and Fermentation in Industry: An Integrated Approach in Science and Technology for Sustainable Future”
Name of the Department/Committee	Department of Microbiology
No. of students participated	370
Brief Report on the activity	The Department of Microbiology Organized International Virtual Talk on 26 <sup>th</sup> February on r DNA Technology and Fermentation in Industry: An Integrated approach in Science and Technology for Sustainable Future on the occasion of National science Day 2022. Mr M.V.S.K Mohan, Head of the Department, Human insulin API Production, Julphar UAE is the Chief Guest addressed the participants on Significance of rDNA technology; Human insulin production process at Human Insulin API Production, Julphar, United Arab Emirates and then virtual open House to Human insulin API Production, Julphar, UAE was conducted by Mr Mohan. He explained the working principle and application of equipment. A total 370 participants registered and Dr. K. Bhagya Lakshmi, Principal is the Chairperson of the Event, Dr D Jyothi, Convener and Dr.Kopuri Aruna is Co- convener.
Name of the Lecturers who Planned & conducted the activity	Dr .D .Jyothi & Dr. Kopuri . Aruna
Signature of Convener and Co- Convener of the Event	
Signature of the Principal	

**SRR & CVR Govt. Degree College (A), Vijayawada**  
**Department of Microbiology**

**International Virtual Talk**

**on**

“r DNA Technology and Fermentation in Industry: An Integrated Approach in  
Science and Technology for Sustainable Future”

**on the occasion of National Science Day 2022**

**Date: 26/02/2022 – 12.00 Noon onwards**

**Programme Sheet**

1. Welcome Address - Dr. Aruna Kopuri  
Lecturer in Microbiology
2. Welcoming the Chairperson- Mrs. KLC Devi, Academic Co-coordinator
3. Opening Remarks - Dr. K. Bhagya Lakshmi, Principal (Chairperson)
4. Convenor’s Message - Dr. D.Jyothi  
In-Charge Dept. of Microbiology
5. Introducing the Chief Guest - Mrs. J. Saradha Lakshmi, Dept. of Computer Science
6. Keynote Address/Talk - Mr. M. V. S. K. Mohan, Head of the Department  
Human Insulin API Production  
Julphar  
United Arab Emirates
7. Open House - Mr. M. V. S. K. Mohan
8. Remarks and Appreciation- Dr. D Rajya Lakshmi, Department of English
9. Q & A Session - Dr. D. Rajya Lakshmi, Department of English
10. Vote of Thanks - Mrs. KLC Devi, Academic Co-ordinator  
Lecturer and In-Charge, Department of English,  
SRR & CVR Govt. Degree College (A)  
Vijayawada

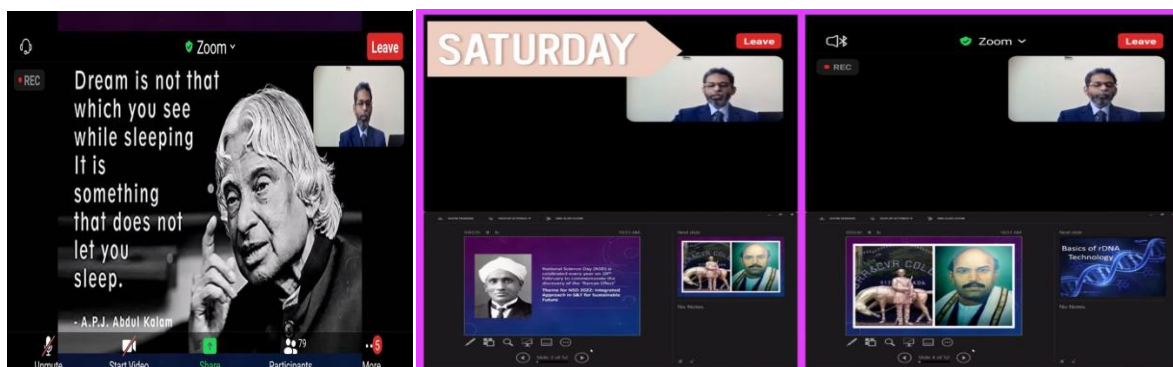
**International Virtual Talk**

**On**  
“r DNA Technology and Fermentation in Industry: An Integrated Approach in  
Science and Technology for Sustainable Future”

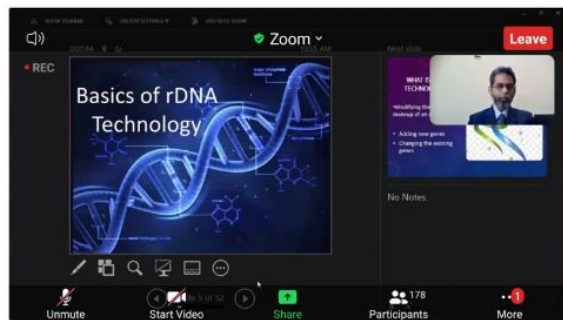
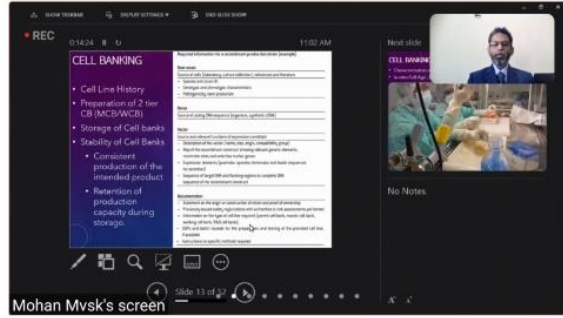
**Inaugural Session**



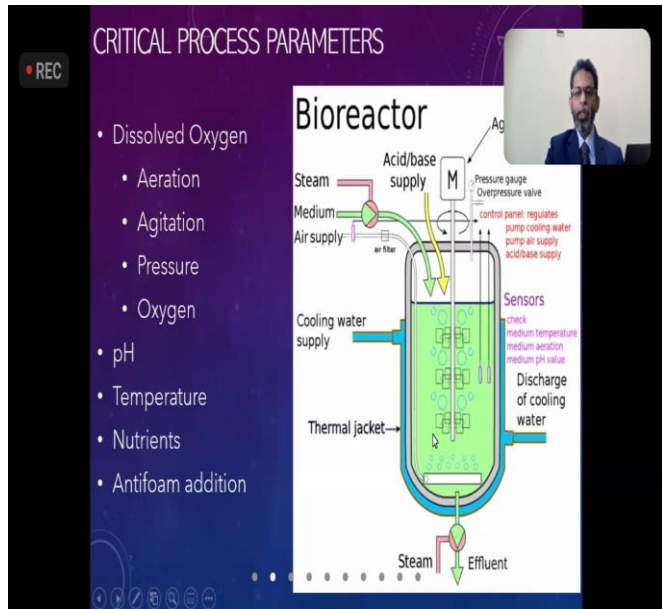
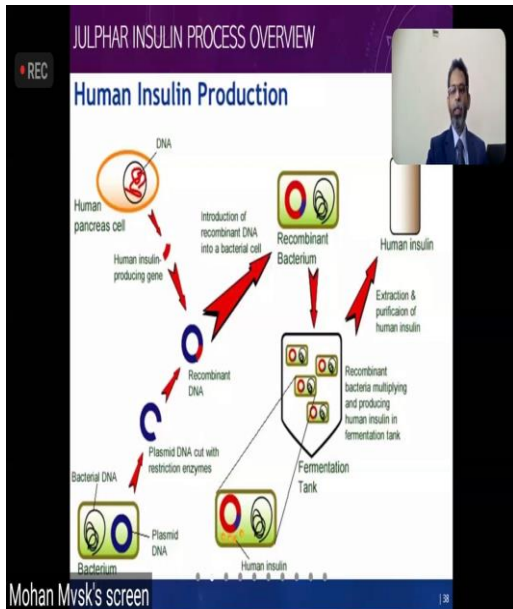
- Welcome Address:** Dr. Aruna Kopuri, Department of Microbiology  
**Convenor’s Message:** Dr. D. Jyothi, In-Charge Dept. of Microbiology  
**Opening Remarks:** Dr. K. Bhagya Lakshmi, Principal (Chairperson), SRR & CVR  
Govt. Degree College (A) Vijayawada  
**Keynote Address:** Mr. M. V. S. K. Mohan, Head of the Department, Human Insulin  
API Production, Julphar, United Arab Emirates



**Keynote Address by Mr. M. V. S. K. Mohan**  
**Technical Session by Mr. M. V. S. K. Mohan**

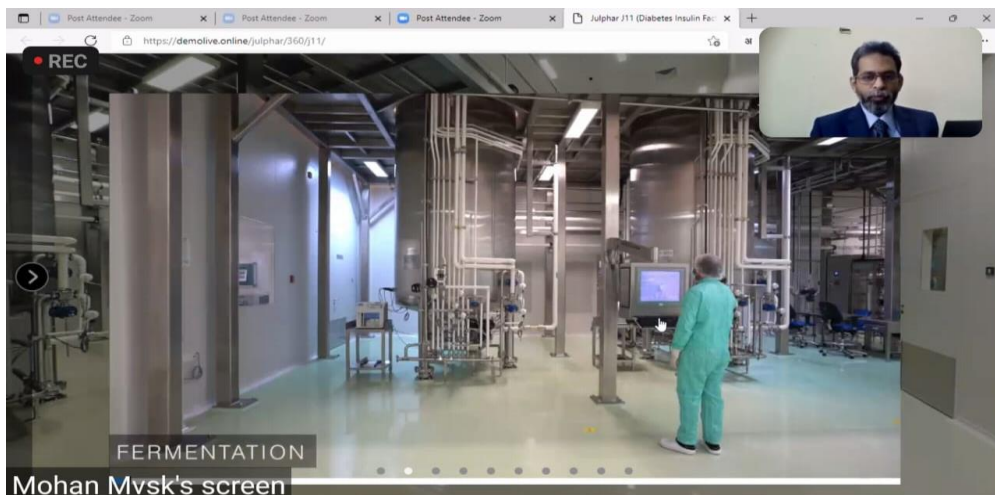
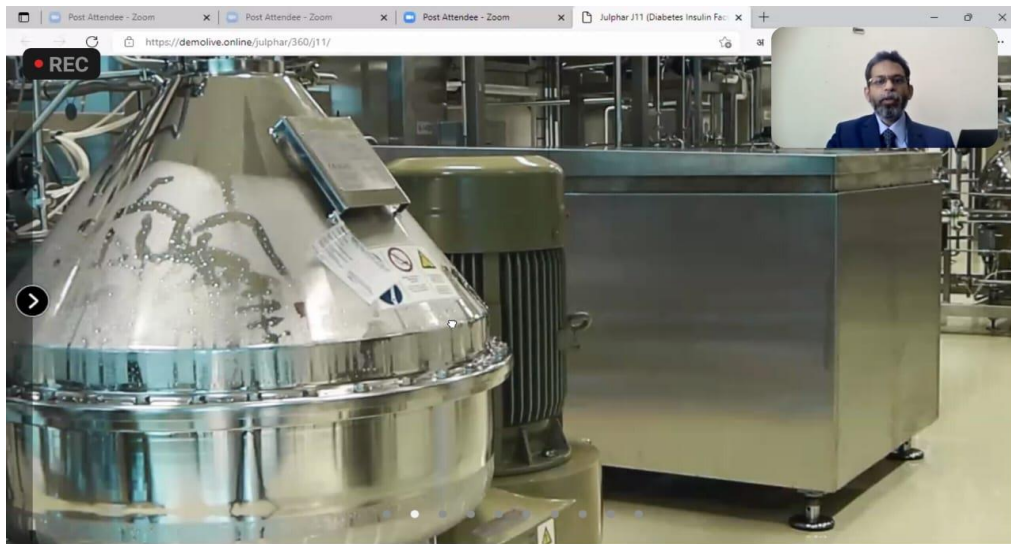
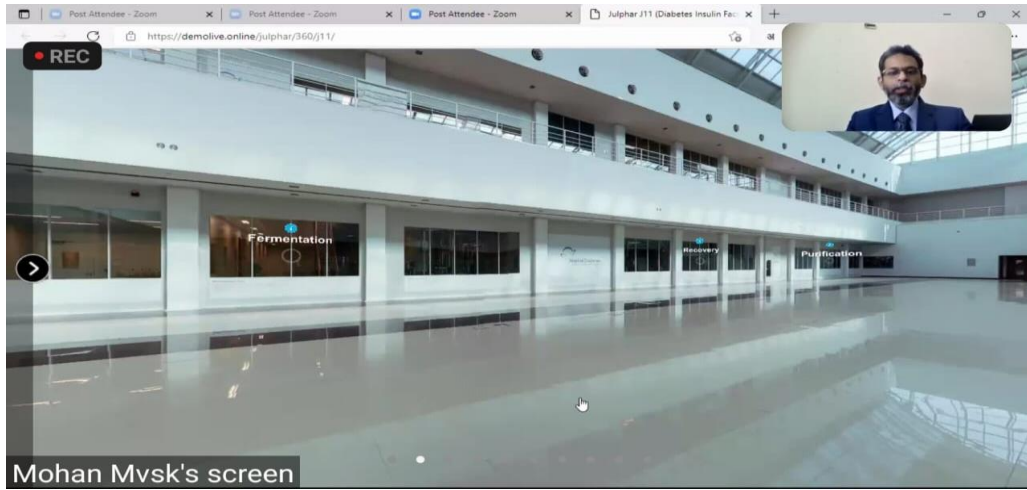


**Basics in r DNA technology and Fermentation**



**Human insulin production**

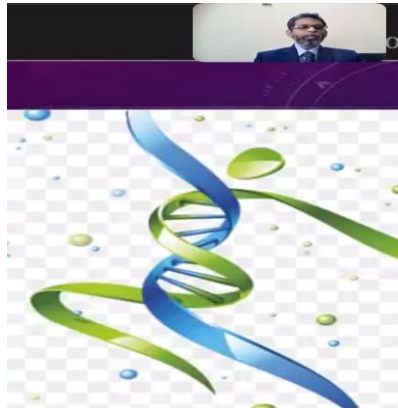
**Virtual Open House to Human Insulin API Production, Julphar, United Arab Emirates**



**Participants**



**I BSc MBC & MBF of SRR & CVR Govt. College (A), Vijayawada**



**Biotechnology Students of Govt. Degree College, Movva**

## Certificate of Participation:



## Paper Clipping:



**పెర్మంటేషన్ టెక్నాలజీపై అవగాహన సదస్సు**

**మాచవరం, న్యూన్ టుడే:**  
 మాచవరంలోని ఎస్సారార్ ఆండ్ సీవీఆర్ ప్రభుత్వ డిగ్రీ కళాశాల మైక్రోబయాలజీ విభాగం ఆధ్వర్యంలో శనివారం 'ఆర్డీఎన్ఎ టెక్నాలజీ, పెర్మంటేషన్ ఇన్ ఇండస్ట్రీ-యాన్ ఇంటిగ్రేటెడ్ అప్రోచ్ ఇన్ సైన్స్ ఆండ్ టెక్నాలజీ ఫర్ సస్టెయినబుల్ ఫ్యూచర్ పై జాతీయ వర్చువల్ సదస్సు నిర్వహించారు. సదస్సుకు జూల్ ఫార్ (యుఎఐసీ)లోని హ్యూమన్ ఇన్స్ట్రులర్ ప్రొడక్టన్ ఇండస్ట్రీ విభాగాధిపతి ఎంపీఎస్కే మోహన్ ముఖ్యపక్షగా హాజరయ్యారు. ఆర్డీఎన్ఎ సాంకేతిక ప్రాముఖ్యం, పద్ధతులు, వాటి ఉపయోగాలు పెర్మంటేషన్ టెక్నాలజీ ద్వారా వ్యాధుల నివారణ మందులు, విటమిన్లు, హార్మోన్లు తయారు చేయడాన్ని విద్యార్థులకు వివరించారు. ప్రెస్నిపల్ డాక్టర్ కె.భాగ్యలక్ష్మి, మైక్రోబయాలజీ విభాగాధిపతి డాక్టర్ డి.జ్యోతి, డాక్టర్ కోపూరి ఆరుణ ప్రసంగించారు. కళాశాల అంగ విభాగాధిపతి డాక్టర్ కేఎల్సీ దేవి, డాక్టర్ బి.రాజ్యలక్ష్మి, కంప్యూటర్ విభాగాధిపతి జి.విజయదీప్, విద్యార్థులు పాల్గొన్నారు.



**మాట్లాడుతున్న ఎంపీఎస్కే మోహన్**

Date : 27/02/2022 EditionName :  
 ANDHRA PRADESH( AMARAVATI. )  
 PageNo :

**SRR & CVR Government Degree College (A), Vijayawada, A. P., India**

**Department of Microbiology**

Convenor's Message: **Dr. D Jyothi , In-Charge Dept of Microbiology**

**International Virtual Talk on: "rDNA technology and Fermentation in Industry: An Integrated Approach in Science and Technology for sustainable future"**

Respected Dignitaries, dear colleagues, faculty from various colleges and my dear students good morning to you all and a warm welcome to International Talk on: **"rDNA technology and Fermentation in Industry: An Integrated Approach in Science and Technology for sustainable future" on the occasion of National Science Day.**

It is my pleasure and privilege to convene this programme and i take the opportunity and present before you the significance of rDNA technology and its role in changing the national and global innovation landscape.

Recombinant DNA technology is playing a vital role in developing new vaccines and pharmaceuticals. It offered new opportunities for innovations to produce a wide range of therapeutic products.

As we all know; Human life is greatly affected by three factors: deficiency of food, health problems, and environmental issues. Food and health are basic human requirements beside a clean and safe environment. With increasing world's population at a greater rate, human requirements for food are rapidly increasing.

Rapid increase in industrialization has soared up the environmental pollution and industrial wastes are directly allowed to mix with water, which has affected aquatic marines and, indirectly, human-beings. Therefore, these issues urge to be addressed through modern technologies for sustainable development.

We know that one of the core values of NAAC is Research, Innovation and Extension, pointing to create awareness on IPR and patenting the developed technologies and to promote the research. As teachers of Degree Colleges we need to inculcate the research and to stimulate the innovative entrepreneurship among the youth that will help the society as a whole.

I promise that this International talk will provide some take-aways for all the participants.

**SRR & CVR Government Degree College (A), Vijayawada, A. P., India**

## Department of Microbiology

### International Virtual Talk on: “rDNA technology and Fermentation in Industry: An Integrated Approach in Science and Technology for sustainable future”

**Welcome Address:** Dr. K. Aruna, Lecturer in Microbiology

Good morning all the Dignitaries, Eminent Academicians, Senior Faculty Members, Special Invitees, Scholars, Dear students and everyone.

I am Dr. Kopuri Aruna, Lecturer in Microbiology, SRR & CVR Government Degree College (Autonomous), Vijayawada, Andhra Pradesh, India.

It gives me immense pleasure, to extend warm welcome to you all, who joined this International Talk on “recombinant DNA technology and Fermentation in Industry: An Integrated Approach in Science and Technology for sustainable future” over Zoom **on the occasion of National Science Day 2022.**

I am happy to inform that, The Department of Microbiology was established in the academic year 1998-99 when restructured courses were first introduced in selected government colleges.

The Department of Microbiology is offering 2 Under Graduate programmers, is manned by 2 well qualified academicians. Microbiology with allied subjects Biochemistry, Food technology and Chemistry has sanctioned strength of 30 students.

The Department has acquired sufficient laboratory equipment for conducting practicals. The equipment, Infrastructure are being utilized to train and involve students in Research and development technology in Microbiology.

Academic review meetings are conducted regularly with the academic board.

Apart from the regular teaching; the department is also planned Invited lectures, Guest lectures seminars, field trips and so on....

At the outset, on behalf of the department of Microbiology, SRR & CVR Government Degree College (Autonomous), Vijayawada, and also on behalf of all the participants . . .

1. we extend hearty welcome to the Chairperson of today's International Talk, Dr. Bhagya Lakshmi Kodali, Principal, SRR & CVR Govt. Degree College (Autonomous), Vijayawada, the driving force behind this International Talk becoming a reality. Thank you mam for your constant support and encouragement and a Warm Welcome Madam.
2. Now, I take this opportunity to extend a hearty welcome to our much Acclaimed and

Esteemed Resource Person and Speaker of today's International Talk,. Mr. M. V.S.K. Mohan, Head of the Department, Human Insulin API Production, Julphar, United Arab Emirates. Hearty welcome Sir

3. Now, we extend warm welcome to Convener of the Programme Dr. Jyothi. D, **In-charge**, Dept of Microbiology. Welcome mam

The theme of today's International Talk, on the occasion of National Science Day 2022 is very much relevant to the contemporary times, to the members of the Faculty, Research Scholars and Students.

We want to provide a real platform for budding scientists to make their career and profession in science," Surely this programme will encourage talented young minds and take part in theme-based projects.

The Department of Microbiology is committed to Teaching along with fostering research environment in the campus. Even though the department happens to be the youngest in the college, we are striving our best to make our presence felt and this is a small step towards reaching greater heights.

I hope this International Talk will be beneficial for the participants to know more about Commercialization of technologies, Technology transfer procedures, Start-up and Entrepreneurships.