

MANAV – Scientific Reading and Comprehension

September to October 2021

Report

Following the workshop on “How to read scientific literature” on 7th October 2020, MANAV took an initiative to help the students go on to the next level of reading and comprehension of scientific literature. For this the students were asked to register under a faculty coordinator through whom they can submit a self-assessment module on a subject of their choice. MANAV was only offering 3 subjects as a part of this exercise that is microbiology, biochemistry and pharmacology.

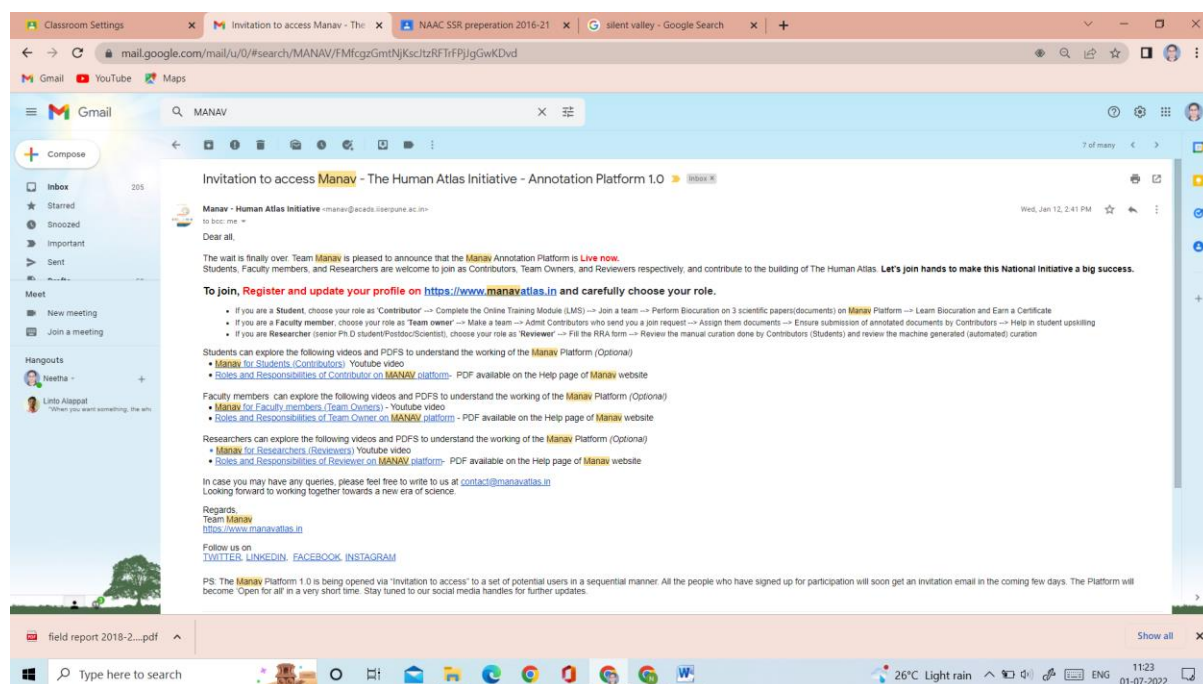
The students of the department of Zoology completed the MANAV - Scientific reading and comprehension self-assessment module. 32 students of the department of Zoology participated in this program. It was conducted between September to October of 2021. Dr. V. Neetha was the faculty coordinator of this self-assessment module.

MANAV – Human Atlas is an initiative of the Department of Biotechnology where the government aims to create a database for scientific literature.

The students were asked to answer several questions regarding scientific reading. In the first module their English language comprehension skills were tested. In the second module the students were asked to read a scientific paper which was given to them by team MANAV. The students could choose from three subjects (Biochemistry, Microbiology and Pharmacology) provided.

Before the actual event several online classes and interactions were conducted, first between the coordinator and representatives of MANAV on how to conduct the self assessment module. Several lectures and material such as online youtube manual was provided to the students. Several questions raised by the participants were also cleared by representatives of MANAV.

Email giving link of you tube videos on how to do the self assessment module for the faculty coordinator and for the student.



List of Students who participated

S.No.	Name of the participant
1	Aditya P.R.
2	Amrutha MS
3	Anjali A S
4	Arya M B
5	Athira C.S.
6	Chandana T.K.
7	Dona Mary
8	Kavya Ravindran
9	Krishnapriya V.R.
10	LakshmiPriya T.A.
11	Liya Babu
12	N.B. Shreya Nupura
13	Nandana A.S.
14	Reena Jose
15	Rosna Rajeesh
16	Sangeetha V.M.
17	Subitha P.S.
18	Surya Suresh
19	Susna Fathima P H
20	Vandana T V
21	Maya V P
22	Rosmy Thomas
23	Amala Vincent
24	Fathima Sherin KK

25	Sabna Sherin P M
26	Melchia T.A.
27	Arya Prakash
28	Jasma T Babu
29	Sreeparvathy K D
30	Ajna M
31	Pavithra Poulouse E
32	Akhila K.A.

Few Certificates –



Certificate of appreciation from
MANAV to the college

Certificate of Appreciation

Is presented to

Sacred Heart College, Chalakudy

For participating in the "MANAV Scientific Reading and Comprehension Self-Assessment Module (for students)", conducted by Project MANAV – The Human Atlas Initiative in September to October 2021.

The students from your College read and critically evaluated two scientific papers from peer reviewed journals from the field of *Microbiology/ Biochemistry / Pharmacy*.

They were able to self assess their skills in scientific comprehension of

1. Research Design
2. Pictorial/Graphical Representation of Data
3. Statistical Analyses
4. Scientific text- Inference and Conclusion

This activity helped students take a step ahead towards honing their scientific temper, critical thinking skills and overall academic excellence .

We appreciate your efforts towards the facilitation of this program and look forward to your continued engagement with Project MANAV.

Best wishes,



Prof M. V. Krishna Sastry
Project Co-Ordinator &
Principal Investigator,
Scientist G, NCCS, Pune



Dr. Nagaraj Balasubramanian
Principal Investigator,
Associate Professor,
IISER, Pune



Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
Persistent LABS, Pune







Certificate for Faculty Coordinator –
Dr. V. Neetha

Certificate of Appreciation

Is presented to

V. NEETHA

Sacred Heart College, Chalakudy

For participating as a **Faculty Coordinator** for the "**MANAV Scientific Reading and Comprehension Self-Assessment Module (for students)**", conducted by Project MANAV– The Human Atlas Initiative in September to October 2021.

The students under your mentorship, read and critically evaluated two scientific papers from peer reviewed journals from the field of *Microbiology/ Biochemistry / Pharmacy*.

They were able to self assess their skills in scientific comprehension of

1. Research Design
2. Pictorial/Graphical Representation of Data
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4. Scientific text- Inference and Conclusion

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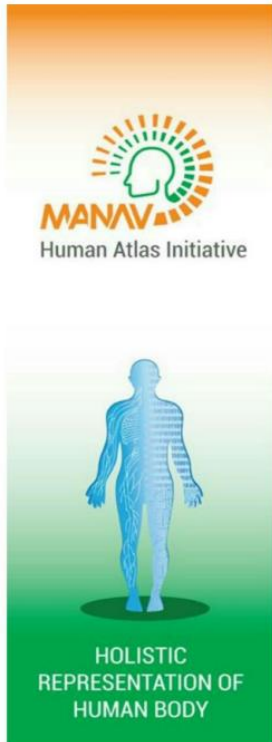
Best wishes,

Prof M. V. Krishna Sastry
Project Co-Ordinator &
Principal Investigator,
Scientist G, NCCS, Pune

Dr. Nagaraj Balasubramanian
Principal Investigator,
Associate Professor,
IISER, Pune

Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
Persistent LABS, Pune





This is to certify that

ROSMY THOMAS

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Microbiology)** during Sept - Oct 2021.

Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal Investigator, Scientist G
NCCS, Pune

Dr. Nagaraj Balasubramanian
Principal Investigator,
Associate Professor,
IISER, Pune

Dr. Anamika Krishanpal
Principal Investigator,
Senior Domain Specialist,
Persistent LABS, Pune



This is to certify that

MAYA. V. P

Participated In **Manav Scientific Reading and Comprehension Self Assessment Module (Subject Category - Microbiology)** during Sept - Oct 2021.

Prof M. V. Krishna Sastry
Project Co-Ordinator & Principal Investigator, Scientist G
NCCS, Pune

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