

NATIONAL
WEBINAR

An Introduction to Astronomy & Astrophysics

Organized by the Department of Physics
in collaboration with
IQAC, St. Joseph's College (Autonomous), Jakhama, Nagaland
NAAC accredited with 'A' Grade

SPEAKERS



Dr. Ranjan Gupta
Professor, IUCAA, Pune, India
Astronomy and Astrophysics



Mr. Samir Dhurde
Scientific Officer (Public Outreach)
IUCAA, Pune, India

E-Certificate for all participants



St. Joseph's College (A)
Jakhama, Nagaland

Date: 17th Sept, 2021



<https://us02web.zoom.us/j/87286552500>



Department of Physics
St. Joseph's College (A)
Jakhama, Nagaland

An Introduction to Astronomy and Astrophysics



About the Webinar

Impact of human curiosity to comprehend the very nature of existence & to find answers to the very preeminent questions,
" What is the Meaning of Life"
" When and How did it all Began",
has led humanity to further venture into the realm of the giants and supergiants:
Stars and galaxies.

Much advances towards understanding the complexities of the universe has been made. Technological advancements and sophistication of tools and instruments for the detection, observation and even exploration of celestial bodies has been greatly furthered. And all this has immensely aided to increase our understanding and knowledge of the physical universe, even leading humanity to seek towards the goal of expansion of human civilization beyond our Planet.

In recent times, humanity has been witnessing far greater motion towards the research and exploration of the heavens. Participation and investments of Non Governmental agencies towards research and development of space vehicles and technologies for space exploration has been growing immensely, even providing for a field of adventure and a career to pursue in this ever evolving scientific world. Therefore in light of the time that is and that which is to come, this webinar intends to communicate the ideas and developments in the field of Astronomy and Astrophysics providing a gist of the subject and to incite the curious minds to undertake this adventure to Look up and Beyond.

About the Department

The Department of Physics was established in 2019 with the aim to produce quality students, to provide the student with a broad understanding of the physical principles of the universe , to help them develop critical thinking and quantitative reasoning skills, to empower them to think creatively and critically about scientific problems and experiments.

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Session 1

9:45 am - 11:00 am

Chairperson:

Dr. Hormila G. Zingkhai
IQAC Co-Ordinator
St. Joseph's College (A), Jakhama

Welcome Note:

Rev. Fr. Peter Solo
Dean of Science
St. Joseph's College (A) Jakhama

Resource Person:

Dr. Ranjan Gupta
Professor, IUCAA, Pune, India

Topic: India's involvement in Mega Projects in Astronomy

Session 2

11:20 am - 12:20 pm

Chairperson:

Mr. Melekho Chuzho
Assistant professor
Department of Physics
St. Joseph's College (A) Jakhama

Resource Person:

Dr. Ranjan Gupta
Professor, IUCAA, Pune, India

Topic: A career in Astronomy and Astrophysics

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Session 3

12:50 pm - 1:50 pm

Chairperson:

Mr. Seyieneizo Benupfuno
Assistant Professor
Department of Physics
St. Joseph's College (A), Jakhama

Resource Person:

Mr. Samir Dhurde
Scientific Officer (Public Outreach)
IUCAA, Pune, India

Topic: Ways to Study the Sky by Yourself

Concluding Session

Vote of thanks:

Ms. Thejano
Head of Department of Physics
St. Joseph's College (A), Jakhama



An Introduction to Astronomy and Astrophysics



Advisory Committee

Dr. Fr. George Keduolhou Angami
Principal
St. Joseph's College (A), Jakhama

Fr. Peter Solo
Dean of Science
St. Joseph's College (A), Jakhama

Organising Committee

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Head of Department of Physics
St. Joseph's College (A), Jakhama

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Mr. Melekho Chuzho
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Dr. Hormila G. Zingkhai
IQAC Co-Ordinator
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Rapporteurs

(Session 1)
Jewabu
Ruokuoneinuo

(Session 2)
Petekhrielle
vilazonuo

(Session 3)
Imsutemjen
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