OpenLearn | Free learning from The Open University

The Open University

Statement of participation

Tithi Bose

has completed the free course including any mandatory tests for:

An overview of active galaxies

This 15-hour free course gave a general introduction to studying active galaxies as well as practical experience in the mathematical analysis of data.

Issue date: 24 October 2021

www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification.
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:
https://www.open.edu/openlearn/science-maths-technology/overview-active-galaxies/content-section-0

COURSE CODE: **S381_1**

An overview of active galaxies

https://www.open.edu/openlearn/science-maths-technology/overview-active-galaxies/content-section-0

Course summary

Active galaxies provide a prime example of high energy processes operating in the Universe. This free course gives an overview of active galaxies, including the supermassive black holes that power the engines at their centres, and the emission processes by which we detect and study them. It also gives practice in mathematical techniques for analysing data and theoretical models.

Learning outcomes

By completing this course, the learner should be able to:

- recognise the terminology which is used to describe the properties and behaviour of active galactic nuclei (AGN)
- manipulate numbers, algebraic symbols and mathematical functions in equations.

Completed study

The learner has completed the following: