



**Department of Mathematics**  
**University of Mumbai**  
Aazadi ka Amrit Mohotsav



**Title:** Lokmanya Tilak: A mathematician and an astute astronomer

**Speaker:** Prof. Salil Sawarkar,  
Smt. Chandibai Himathmal Mansukhani College, Ulhasnagar.

**Day and Time:** 16 April, 2022 at 4:00 pm (Online Zoom Meeting)

**Zoom Link:** <https://us06web.zoom.us/j/81089106994?pwd=SWWhKZ2xkMjBOdWVjbVhNSytdTlwQT09>

**Meeting ID:** 810 8910 6994

**Passcode:** 693087



Bal Gangadhar Tilak (alias Lokmanya Tilak) is a popular personality, even today, amongst the youth and the aged alike. However, his fame is more or less restricted to his work against the then unjust British rulings! Though what he did in this connection was nowhere an ordinary task, it's a bit sad that even many an educated person has hardly any idea about his immense work in the field of Astronomy, especially Indian Astronomy. He attempted to date the Vedas by astronomical methods.

Being a kind of orthodox person, Tilak took pride in Indian culture and civilization, and tried his best to ingrain the seed of national pride among the minds of common men of India, by making them feel proud of their rich heritage. It's only the prideful mind that pushes the body to try even the herculean tasks. One may, thus, feel that this academic work of Tilak was motivated mainly by his own fight against British, nonetheless one cannot overlook the fact that his methods and arguments were just like those of a mathematician.... assuming a little, analysing a lot and achieving large!!! Tilak was a Mathematician, an astronomer and Sanskrit scholar, and he exploited his knowledge and intellect in trying to show something, which was beyond the horizons of many others!!!

Salil Sawarkar, in his talk, tries to explore this, not much known, facet of Lokmanya Tilak. Sawarkar is an Assistant Professor of Mathematics in Smt. CHM College, alumni of Department of Mathematics, University of Mumbai, having diversified interests in Physics, Astronomy, Music, Sanskrit and Calligraphy. He takes pride in the mammoth work in the fields of Science, Mathematics and Astronomy, done by our ancestors, and has been writing articles on the same in news papers and on websites!

**Dr. Anuradha Garge**  
Co-convener

**Prof. Bhausahab S. Desale**  
Convener

**Prof. Rajendra M. Pawale**  
Head of the Department