

Bharatiya Vidya Bhavan's
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'Mathematics by Bhaskaracharya'

Lecture on Indian Traditional Knowledge

organised by TESA-SPCE under TEQIP-III

TESA-SPCE organised a Lecture titled ***'Mathematics by Bhaskaracharya'*** under **TEQIP-III** on **12th October 2018** at SPCE Seminar Hall-114. **Mr. Ujjwal Rane**, a distinguished academician, an experienced industry professional and an alumnus of Department of Mechanical Engineering, SPCE, delivered the lecture in the academic interest of students of **Second Year B.Tech. (Mech.), Semester-III**.



Prof. Dr.M.M.Murudi, Vice-Principal and Head of Civil Engineering Department, SPCE inaugurated the program and appreciated **TESA-SPCE** for its continuous efforts of organising various activities for the academic benefit of students of Mechanical Engineering Department.



Prof. Dr.Nilesh Raykar, Head of Mechanical Engineering Department, SPCE welcomed the guest speaker and also extended his valuable guidance to the gathering of students of Mechanical Engineering Department.

The Lecture by Expert Speaker illustrated tremendous scope of scholastic work and pioneering contribution by Bhaskaracharya in the field of mathematics. Various creative and imaginative concepts adapted and problem solving techniques formulated by Bhaskaracharya were elaborated in the lecture. Some of the problems on trigonometry, distance calculations attempted by Bhaskaracharya were illustrated by the Expert Speaker signifying the unique style of formulation and solution of problem by Bhaskaracharya based on imagination without any proof.

The lecture highlighted various other facets of life and work of Bahaskaracharya such as Bhaskaracharya as a poet, who used creative poetry for formulation and solution of problems and a caring father who transferred knowledge to his daughter *Leelavati*. The Expert Speaker **Ujjwal Rane Sir** used creative presentation with 2-D and 3-D graphics and animations which has made his lecture very interesting and effective for the students. Concluding the lecture, **Ujjwal Rane Sir** emphasized the students to develop the ability to think out of box, prepare hand written notes, solve the puzzles and do things practically.



The objective of the program was to give exposure of Ancient Indian wisdom to the students in accordance with course contents of Indian Traditional Knowledge (Course Code MC-BT002) instructed by **Prof. Parag Muley**. The Program was attended by **58 students** of B.Tech.(Mech.),Semester-III and 08 Organising Student Members of **TESA-SPCE** of B.Tech.(Mech.),Semester-V for their academic benefit. **Prof. Parag Muley**, Faculty Advisor, **TESA-SPCE** expressed vote of thanks to Guest Speaker, Institute Authority and students for this program.



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