



# SAHYADRI CONCLAVE

SCIENCE • TECHNOLOGY • MANAGEMENT

on

January 6<sup>th</sup> - 10<sup>th</sup>, 2018

@

Sahyadri Campus, Mangaluru

A five days Cerebral gathering of  
Erudite & Young Minds



**SAHYADRI**  
COLLEGE OF ENGINEERING & MANAGEMENT  
MANGALURU



# SAHYADRI CONCLAVE

## SCIENCE • TECHNOLOGY • MANAGEMENT

Sahyadri Conclave is an exceptional venue to learn about the latest advances in the field of basic sciences, engineering and management to technologies and its applications. It provides a rare opportunity to interact with Nobel Laureates, eminent scientists, innovators and recognized experts from both Industry and academia.

### Mission

"An opportunity for creating a unique platform for the young budding students to understand the importance of basic science in the overall development of the mankind and its translation into technological development for progression & percolation by the managers in creating value for the holistic growth of the civilization and the country"

### Objectives

Sahyadri Conclave-2018 is a cerebral gathering of scientists and students that aims:

- To impart knowledge of science and technology in order to create awareness of how the knowledge could be harnessed to produce efficient engineers, technocrats and scientists who could add value proposition in the growth and development of the country.
- To provide practical exposure and know how on best practices used by industries on how scientific advancement are percolating in the society by the intervention of the industries.
- The amalgamation of scientists, technocrats, managers and students from across the country would aim at holding highly motivating interaction that could instill the mind of the participants to appreciate the excitement of scientific research/ investigation such that it compels them to think for their career progression in the direction of scientific advancement & allied technology.



# **Nobel Laureates & Internationally Renowned Scientists**



**Ada E. Yonath**  
Nobel Prize in Chemistry  
2009



**Serge Haroche**  
Nobel Prize in Physics  
2012



**Joseph Sifakis**  
Turing Award in Computer Science  
2007



**Andrei A Slavnov**  
Fock Prize in Physics from  
Russian Academy of Sciences  
2007



**Robert C Richardson**  
Scientific Researcher in Robotics  
2011



**Satish K. Tripathi**  
President  
University at Buffalo, USA



**Anish Arora**  
Professor  
Ohio State University, USA



**Satya Prakash**  
Professor  
Mcgill University, Montreal, Canada



## Participants

Sahyadri Conclave is a five days event that would focus to provide panoramic perspective to education, about 1200 students from among various universities and schools of the Southern India. In addition, research scholars, young teachers, faculties and corporate thinkers having proficiency in basic sciences & management could share a common platform to witness, interact and exchange ideas and get their experiences with Nobel Laureates, renowned scientists and corporate leaders.

## Participants profile would range from:

- High School and Pre-University students
- Undergraduate & Postgraduate students pursuing basic sciences.
- Undergraduate & Postgraduate students pursuing technical studies
- Students & Professional pursuing management studies.

## Resource persons

- Nobel Laureates
- International Scientists and Experts
- Renowned Scientists and Experts from India
- Corporate leaders and Entrepreneurs.

A golden opportunity to interact with Nobel Laureates, eminent scientists, innovators and recognized experts from both Industry and academia.



## Advantages of the Sahyadri Conclave to the participating students:

- Students from High School and Pre-University – “Inspiring Students”: An attempt to arouse curiosity in the students to motivate them for developing interest in the field of Science leading to research. Interaction with the scientists to collectively explore the current areas of significant research. Ultimately aims holistic integration of Science & Technology
- Students from pure science background (UG and PG): The interaction sessions for the students are organized in the domain of Physics, Chemistry, Mathematics and Biology. An attempt to show the students the interface between different domains and the applications that arise out of the interface. Ultimately aiming at mapping the pure science subjects with Science & Technology
- Students from Technical institutions – (CS, EC and Mechanical): The engineers should ideate an eco system developing solutions, keeping the biodiversity and ecological system to help the mankind. Innovation is the gateway to find integrated solutions through outcome based research into viable products.
- Students from Management: The sessions will basically aim at igniting the creative managerial skills in the participants. The students are expected to manage the mapping of research oriented subjects in the best interest of the society through positive changes.

## Role of Participants

Student participants are provided a platform to discuss their views and ideas with the Noble Laureates, Renowned Scientists of national and international, technocrats and entrepreneurs. The participants can also exchange their innovative thoughts with the other fellow mates of the conclave, thus making the interactive session more productive.



## Saturday 6th January 2018

## Programme Schedule

Schedule	Sessions
03:00 - 05:00 PM	Inaugural Sessions of the STMC 2018
06:00 - 08:00 PM	Cultural Programme

## Sunday 7th January 2018

Schedule	Sessions
09:00 - 09:50 AM	Nobel Laureates
09:50 - 10:40 AM	Nobel Laureates
10:40 - 11:00 AM	Break
11:00 - 11:50 AM	Scientist
11:50 - 01:30 PM	Panel Discussion
01:30 - 03:00 PM	Lunch Break
03:00 - 05:00 AM	<b>Interaction Session</b> Inspire   UG+PG   Engineering Students
06:00 - 08:00 PM	Cultural Programme

## Monday 8th January 2018

Schedule	Sessions
09:00 - 09:50 AM	Nobel Laureates
09:50 - 10:40 AM	Nobel Laureates
10:40 - 11:00 AM	Break
11:00 - 11:50 AM	Scientist
11:50 - 01:30 PM	Panel Discussion
01:30 - 03:00 PM	Lunch Break
03:00 - 05:00 AM	<b>Interaction Session</b> Inspire   UG+PG   Engineering Students
06:00 - 08:00 PM	Cultural Programme

## Tuesday 9th January 2018

Schedule	Sessions
09:00 - 09:50 AM	Nobel Laureates
09:50 - 10:40 AM	Nobel Laureates
10:40 - 11:00 AM	Break
11:00 - 11:50 AM	Scientist
11:50 - 01:30 PM	Panel Discussion
01:30 - 03:00 PM	Lunch Break
03:00 - 05:00 AM	<b>Interaction Session</b> Inspire   UG+PG   Engineering Students
06:00 - 08:00 PM	Cultural Programme

## Wednesday 10th January 2018

Schedule	Sessions
09:00 - 09:50 AM	Nobel Laureates
09:50 - 10:40 AM	Nobel Laureates
10:40 - 11:00 AM	Break
11:00 - 11:50 AM	Scientist
11:50 - 01:30 PM	Panel Discussion
01:30 - 03:00 PM	Lunch Break
03:00 - 4:00 PM	Valedictory Programme of STMC - 2018



## About Sahyadri

Sahyadri College of Engineering & Management is a premier technological institution, established in the year 2007, fostering excellence in education, research, & values towards inspiring and developing students to be skilled, practicing engineers. The institute is in existence since a decade, being recognized by AICTE, Government of India, affiliated to VTU, Government of Karnataka, NAAC accredited with "A" Grade, recognized by the UGC and certified by IAO & ISO 9001-2008. The institute is located within the city limits at a short distance from the port city of Mangaluru, known as a popular education hub.

The College offers B.E. Degree, Post - Graduation in M.Tech, MBA and PhD Research Programs. The total staff and student strength at campus is nearly 4000. The College has Academic MoU with various National, International Universities and also has collaborations with leading Corporate & Industries. Sahyadri encourages students to **"Walk-in with the Idea and Walk-out with the Product"** driving the Concept of Make in India. The College aims at imparting Project based learning, thus enabling students to understand the process of learning concepts.

The high-quality teaching offered at Sahyadri is well complemented by the state-of-the-art infrastructure and modern facilities like Government Research Center, Incubation, Placement & Training Center, and Sahyadri Center for Social Innovation which includes Hands-on Experience Lab, Life Science Lab, Innovation Lab, and Makers Space.

Sahyadri's entrepreneurship Cell is unique in its kind as it aims to ignite the creative thinking of students towards innovation that mentor to become successful entrepreneurs by providing the right entrepreneurial ecosystem, for student startups.

**SAHYADRI...**  
Where **Excellence**  
is a **Way of Life**





## Reaching out to Sahyadri

The Sahyadri campus is situated on the banks of the river Nethravathi, the Mangaluru-Bengaluru National Highway 75. It is located within the city limits at a short distance from the port city of Mangaluru, a popular education hub. It is well connected by road, air and train to all the major cities of India. Surrounded with nature's pristine beauty and an excellent infrastructure coupled with dedicated and experienced faculty has made the Campus a much sought-after abode of learning.

### Distance from Sahyadri Campus

- Mangaluru International Airport - 18 KM
- Kankanady Railway Junction - 4 KM
- Central Railway Station - 10 KM
- Central Bus Terminal - 10 KM

### Direct flights available to Mangalore

- Bengaluru - 345 KM
- Mumbai - 925 KM
- Chennai - 705 KM
- New Delhi - 2200 KM

For more information contact

Chief Co-ordinator:

**Dr. C K Manjunath**, Ph.D. (MIT, Boston)

Mobile: +91 94498 45900 | Email: [admin@sahyadri.edu.in](mailto:admin@sahyadri.edu.in)

+91 94498 45928 | [conclave@sahyadri.edu.in](mailto:conclave@sahyadri.edu.in) | [www.sahyadri.edu.in/conclave](http://www.sahyadri.edu.in/conclave)

*Empowering Young Minds.*



**SAHYADRI**  
COLLEGE OF ENGINEERING & MANAGEMENT

(Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)

Sahyadri Campus, Adyar, Mangaluru - 575007

+91-824-2277333 | +91-94498 45959 | [sahyadri@sahyadri.edu.in](mailto:sahyadri@sahyadri.edu.in) | [www.sahyadri.edu.in](http://www.sahyadri.edu.in)