



HOPE Foundation's
Finolex Academy of Management & Technology,
Ratnagiri
Department of Chemical Engineering

ACES Organized 'Fusion 2K25'

The Department of Chemical Engineering, in collaboration with the Association of Chemical Engineering Students (ACES), organized 'Fusion 2K25' at the Finolex Academy of Management & Technology on 17th and 18th February 2025.

Dr. Kaushal Prasad, Principal FAMT, **Dr. Nitin G. Kanse**, Head of the Chemical Engineering Department, and **Prof. R. K. Marag**, ACES Faculty Advisor, inaugurated the function. The events organized under 'Fusion 2K25' provided a common platform for students to showcase their skills, explore their ideas, and make them feasible in real life. It also helped inculcate technical knowledge among students and enhance their interest in academic and extracurricular activities.

ACES successfully organized the events under the leadership of ACES Head **Mr. Atharv Mayekar**, Ladies Representative **Ms. Shravani Madake**, and student coordinators of various committees, making the event a grand success. The events organized under the theme 'Fusion 2K25' included a Science Project Exhibition, Paper Presentation, Unbox Mystery, Chem Quiz, Fun games and Tug of war. All these events received an overwhelming response from FAMT students and nearby school and college students.



Dr Kaushal Prasad, Principal FAMT along with faculty members at the inauguration of 'Fusion 2K25'



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Project Exhibition Event



Project Presentation Event



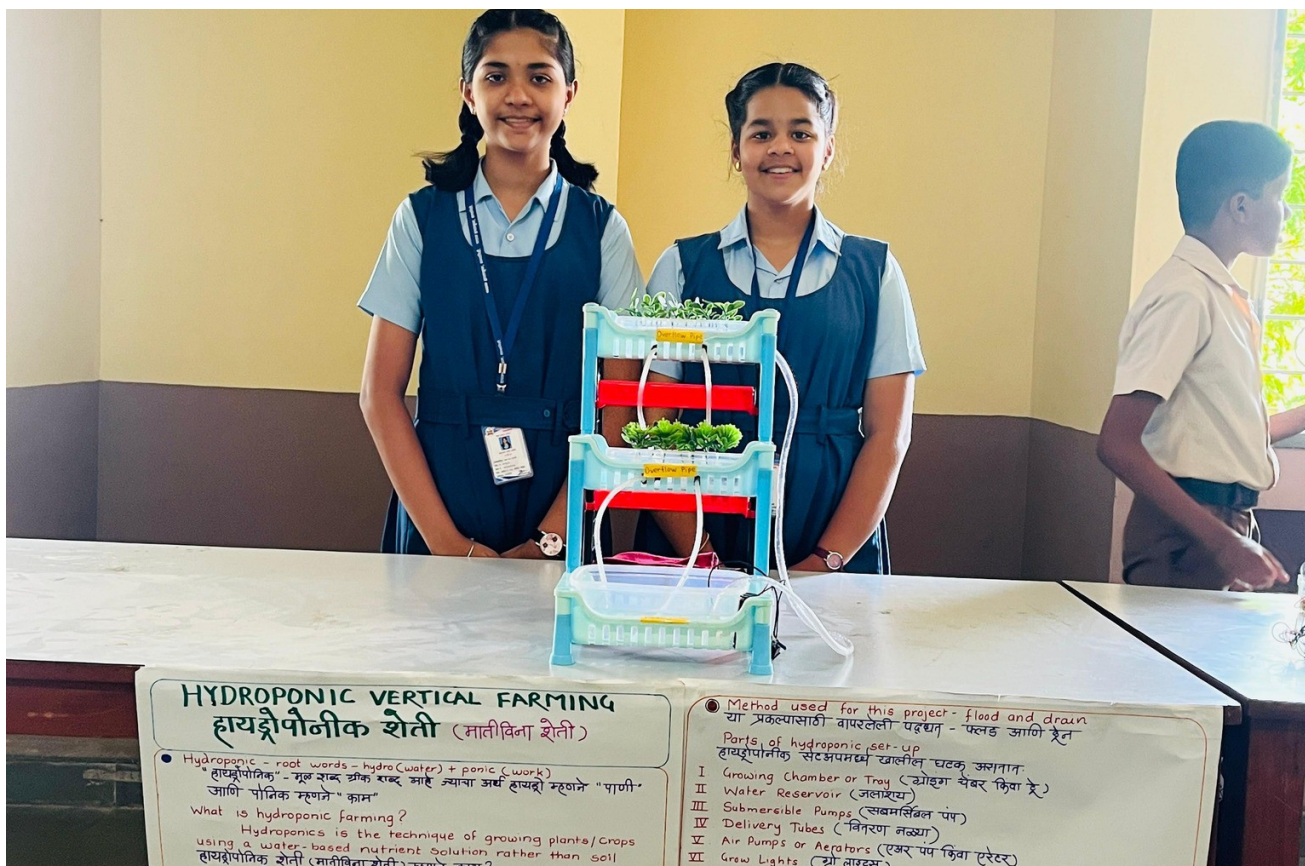
Faculty members with organizing Team (ACES Team)



Fun Game



Tug of War Game



HYDROPONIC VERTICAL FARMING
हायड्रोपोनीक शेती (मातीविना शेती)

● Hydroponic = root words = hydro (water) + ponics (work)
 "हायड्रोपोनीक" - मूल शब्द टोक शब्द आहे ज्याचा अर्थ हायड्रो म्हणजे "पाणी" आणि पोनीक म्हणजे "काम"
 What is hydroponic farming?
 Hydroponics is the technique of growing plants/crops using a water-based nutrient solution rather than soil.
 हायड्रोपोनीक शेती (मातीविना शेती) म्हणजे काय?

● Method used for this project - flood and drain
 या प्रकल्पासाठी वापरलेली पद्धत - फ्लड आणि ड्रेन
 Parts of hydroponic set-up
 हायड्रोपोनीक सेटअपमध्ये खालील घटक असतात:
 I Growing Chamber or Tray (ब्रीडिंग चेंबर/ट्रे)
 II Water Reservoir (जलाशय)
 III Submersible Pumps (सबमर्सिबल पंप)
 IV Delivery Tubes (निर्गमन नळ्या)
 V Air Pumps or Aerators (एअर पंप किंवा एरेटर)
 VI Grow Lights (ट्री लाइट्स)

School Student During Project Exhibition

FAMT FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING

FUSION
2K25
VENUE : CHEM DEPT.

TIME
10 AM TO 5 PM

DATE : 18th FEB
UNBOX MYSTERY
(ONLY 4 MEMBERS IN 1 TEAM)
(ENTRY FEE : ₹50)
1ST PRIZE : ₹1000

TUG OF WAR
(ONLY 6 MEMBERS IN 1 TEAM)
(ENTRY FEE : ₹50)
1ST PRIZE : ₹1000 (BOYS)
1ST PRIZE : ₹1000 (GIRLS)

FUN GAME
GIFT

DATE : 17th FEB
PPT PRESENTATION
1ST PRIZE : ₹700
2ND PRIZE : ₹500

CHEM QUIZ
1ST PRIZE : ₹900
2ND PRIZE : ₹500
3RD PRIZE : ₹300

SCIENCE EXHIBITION
1ST PRIZE : ₹1000
2ND PRIZE : ₹700
3RD PRIZE : ₹700

FOR OTHER EVENTS --> <-- SCIENCE EXHIBITION

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Poster of events organized under 'Fusion 2K25'