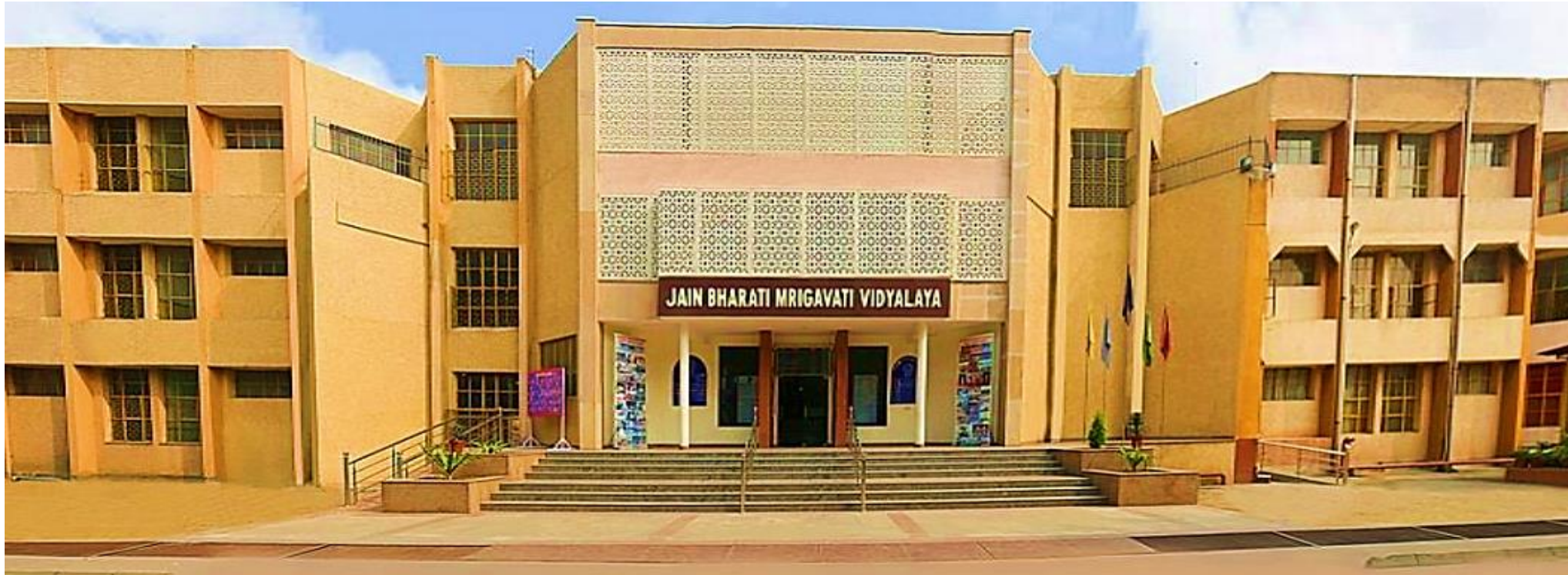




# JAIN BHARATI MRIGAVATI VIDYALAYA



A vibrant graphic for a science department. The central focus is a white banner with the text 'SCIENCE DEPARTMENT' in bold, blue, 3D-style letters. Surrounding the banner are various scientific icons: a Bohr-style atom with a red nucleus and yellow orbits, a blue DNA double helix, a stack of colorful books (orange, green, brown, blue), a black microscope, a test tube rack with two tubes (one blue, one pink), a flask with green liquid, a magnifying glass, and a beaker with blue liquid. To the right of the beaker are three overlapping circles representing the chemical formula H<sub>2</sub>O, with a blue circle containing 'H', a red circle containing 'O', and another blue circle containing 'H'.

# SCIENCE DEPARTMENT

A close-up photograph of a person's hand holding a stack of six light-colored wooden blocks. The blocks are stacked vertically, and each block has a different business strategy term printed on it in bold, black, uppercase letters. The background is a blurred blue and white surface.

**VISION**  
**MISSION**  
**GOALS**  
**CORE VALUES**  
**ACTION PLANS**

# VISION

**To empower young generation to create a new wave of interest towards 'doing science' and understand the big picture ideas.**



# MISSION

**To build innovators, researchers and leaders who can solve the global challenges by providing high quality STEAM learning opportunities.**



**To inculcate scientific literacy  
through exploration of life and its  
physical and chemical  
phenomena.**

**-PURPOSE STATEMENT**

# GOALS

- **To identify and develop best practices, instructional materials and strategies to accelerate student learning in all dimensions of science.**
- **To encourage students to ask right questions at right time in right manner that underlie scientific research.**
- **To effectively present information gathered from critical learning, laboratory and/or field based research.**
- **To improve student abilities to synthesize, analyze and evaluate information from a variety of sources.**

# CORE VALUES

- **Personalized approach, Love for the subject and Concept clarity**
- **Sanskar Yukt Siksha**
- **PFOG**
- **P-Personal Mastery**
  - **Continuous learning(IQ)**
  - **Embracing challenges(SQ)**
  - **Practicing equanimity(EQ)**
- **F- Forgiveness**
- **O- Others wellbeing**
- **G- Gratitude**
- **Happiness and Success.**

# **ACTION PLANS**

- **Create an ecosystem where students learn skills by observing, tinkering, experimenting and inferring.**
- **Generate the 4C's- Curiosity, Creativity, Competence and Compassion.**
- **Motivate learners to satisfy curiosity, verify assumptions and apply logical reasoning.**
- **Impel participation in Olympiads, Competitions, Projects, Designing etc. and to organize gamut of activities to nurture inquisitiveness and foster scientific thinking.**
- **Deliver valuable content to the students through seminars and webinars.**