



THE HNSB. LTD. SCIENCE COLLEGE  
Quality Science : Education Since 1949



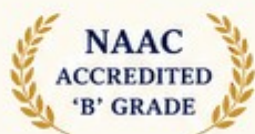
# THE HNSB. LTD. SCIENCE COLLEGE, HIMATNAGAR

(Affiliated to Hemchandracharya North Gujarat University)

Managed by Himatnagar Kelavani Mandal

## IQAC NEWSLETTER 2025-2026

“EXCELLENCE BEYOND STANDARDS”



ACADEMIC YEAR : 2025-2026

*Commitment to Excellence, Innovation,  
and Continuous Improvement in Higher Education*



ACADEMIC  
EXCELLENCE



INNOVATION  
& START-UP



RESEARCH  
& PUBLICATIONS



SUSTAINABILITY  
& GREEN CAMPUS



QUALITY  
ASSURANCE



COMMUNITY  
ENGAGEMENT

*Published By*  
**INTERNAL QUALITY  
ASSURANCE CELL (IQAC)**

*Principal*  
**Dr. P. S. Patel**  
*IQAC Coordinator*  
**Dr. Z. M. Gadhawala**

QUALITY • INNOVATION • INTEGRITY • IMPACT





# **THE HNSB. LTD. SCIENCE COLLEGE, HIMATNAGAR**

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**NAAC Accredited 'B' Grade**

**GSIRF : 4-Star Ranking**

**ISO 9001:2015 & ISO 21001:2018 Certified Institution**

**Academic Year: 2025–2026**

*Commitment to Excellence, Innovation, and Continuous Improvement in Higher Education*

## **SPECIAL EDITION FEATURES**

- ◆ **NAAC & Quality Excellence**
- ◆ **Innovation & Start-Up Ecosystem**
- ◆ **Research & ISBN Conferences**
- ◆ **Institutional Best Practices**
- ◆ **Green Sustainability Framework**
- ◆ **International Collaborations**
- ◆ **Skill Development & FDPs**
- ◆ **Institutional Distinctiveness**
- ◆ **Community Engagement & Social Impact**

### **Published By**

**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**Principal**

**Dr. P. S. Patel**

**IQAC Coordinator**

**Dr. Z. M. Gadhawala**

**“QUALITY IS NOT A DOCUMENTATION PROCESS; IT IS AN INSTITUTIONAL CULTURE.”**

## **EDITORIAL NOTE**

The academic year 2025–2026 has been a landmark year for The HNSB. Ltd. Science College, Himatnagar in the areas of academic excellence, innovation, sustainability, institutional governance, research development, and societal engagement.

This IQAC Newsletter presents the remarkable journey of institutional transformation led by the Internal Quality Assurance Cell through structured planning, innovation-driven initiatives, quality governance systems, research activities, and student-centered academic practices.

The newsletter reflects the institution's commitment toward:

- Academic Quality
- Innovation Ecosystems
- Research Excellence
- Green Sustainability
- Community Responsibility
- Digital Documentation
- Institutional Accountability

Under the leadership of IQAC, the institution successfully implemented several transformative initiatives aligned with:

**NAAC**

**NEP-2020**

**NIRF**

**Innovation & Start-Up Culture**

**Sustainable Development Goals**

## **FROM THE PRINCIPAL'S DESK**



**“Building an Institution of Excellence, Innovation & Responsibility”**

The HNSB. Ltd. Science College, Himatnagar strongly believes that the true purpose of higher education is not merely to award degrees, but to create innovators, researchers, responsible citizens, entrepreneurs, and socially committed human beings.

During the academic year 2025–2026, the institution achieved remarkable progress through the strategic guidance of the Internal Quality Assurance Cell (IQAC). The institution strengthened academic governance, documentation systems, innovation ecosystems, research culture, sustainability initiatives, and institutional best practices.

This year, the institution successfully implemented:

- Academic & CIE Planning Systems
- Faculty Development Programmes
- Research Conferences with ISBN Publications
- Innovation & Start-Up Activities
- Green Sustainability Projects
- Institutional Distinctiveness Initiatives
- Capacity Building Programmes
- National & International Collaborations

The successful implementation of:

### **I<sup>2</sup>SR Framework**

*(Incubation → Innovation → Start-Up → Research)*

### **And G<sup>3</sup> Framework**

*(Green Campus → Green Practices → Green Community)*

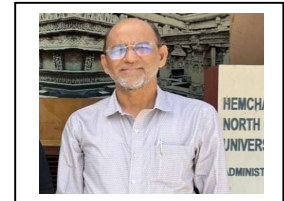
has created a unique identity for the institution in the areas of innovation, entrepreneurship, sustainability, and social impact.

I sincerely appreciate the dedicated efforts of IQAC Coordinator Dr. Z. M. Gadhawala, faculty members, administrative staff, students, alumni, and stakeholders for continuously contributing toward institutional excellence.

**Dr. P. S. Patel**

**Principal**

## **FROM THE IQAC COORDINATOR'S DESK**



### **“From Quality Assurance to Quality Culture”**

The Internal Quality Assurance Cell (IQAC) of The HNSB. Ltd. Science College, Himatnagar continuously works to establish systematic, measurable, and sustainable quality mechanisms across all institutional dimensions.

The academic year 2025–2026 has been highly progressive and transformative for the institution. IQAC successfully strengthened:

- Academic Planning Systems
- Documentation & Audit Systems
- Syllabus Tracking Mechanisms
- Feedback & Action Taken Systems
- Innovation & Entrepreneurship Ecosystems
- Research Promotion Activities
- Environmental Sustainability Initiatives
- Capacity Building Programmes
- Accreditation Preparedness

The institution strongly believes that quality should not remain limited to compliance and documentation. Quality must become a living institutional culture reflected in every academic, administrative, research, and societal activity.

This year also witnessed the successful implementation of:

## **SWACHH SURAKSHA**

### **“From Classroom Values to Community Safety”**

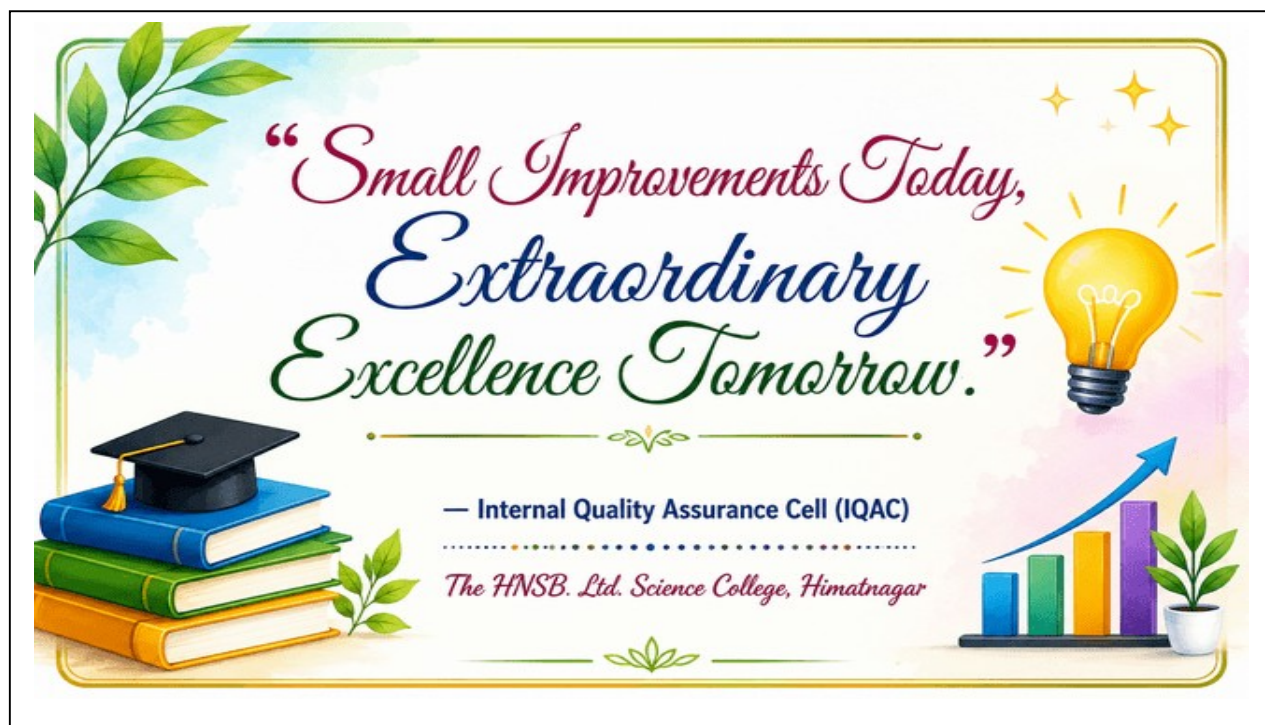
Which emerged as a high-impact student-led social responsibility initiative integrating science, hygiene awareness, community engagement, and public well-being.

The IQAC remains committed to the vision:

### **“Excellence beyond Standards.”**

**Dr. Z. M. Gadhawala**

**IQAC Coordinator**



## **IQAC PROFILE**

### **Vision**

To establish a dynamic culture of quality enhancement through innovation, sustainability, accountability, and academic excellence.

### **Mission**

To strengthen institutional quality systems through academic governance, innovation, research, stakeholder participation, and societal engagement.

## **IQAC COMPOSITION**

<b>Designation</b>	<b>Details</b>
Chairperson	Dr. P. S. Patel
IQAC Coordinator	Dr. Z. M. Gadhawala
Faculty Members	Representatives from Various Departments
Administrative Staff	Institutional Representatives
Alumni Representative	Mr. Vikram Vanzara
Student Representative	Mr. Yash J Patel
External Experts	Dr.T.S.Bhrambhata and Dr.Shrenik Shah

# IQAC QUALITY INITIATIVES (2025–2026)

## ACADEMIC QUALITY SYSTEMS

- ✓ Academic Planner Designed
- ✓ CIE Planner Implemented
- ✓ Syllabus Tracking Conducted
- ✓ Academic Planner Audit Completed

## DOCUMENTATION & GOVERNANCE

- ✓ SOPs for Departments & Clubs Prepared
- ✓ Documentation Monitoring Conducted
- ✓ Evidence Management Systems Strengthened
- ✓ AQAR & NAAC Documentation Prepared

## ACCREDITATION & AUDIT

- ✓ Gender Audit Completed
- ✓ NIRF Participation Completed
- ✓ IDP (2025–2030) Submitted
- ✓ Internal Quality Reviews Conducted @ Green Audit, Energy Audit, Environmental Audit Certification, ISO Certifications

## FEEDBACK & STAKEHOLDER SYSTEMS

- ✓ Student Feedback
- ✓ Alumni Feedback
- ✓ Employer Feedback



- ✓ Teacher Feedback
- ✓ Action Taken Reports Prepared

## IQAC MEETINGS

### FIRST TERM

Date	Meeting
03/07/2025	IQAC Core Committee Meeting
04/07/2025	IQAC Meeting with Faculty
07/07/2025	IQAC Meeting with Administrative Staff
15/09/2025	Staff Meeting on Documentation & Best Practices

### SECOND TERM

Date	Meeting
15/11/2025	IQAC Core Committee Meeting
15/11/2025	IQAC Meeting with Faculty
17/11/2025	IQAC Meeting with Administrative Staff
25/2/2026	IQAC Meeting with Alumni





# MAJOR IQAC PROGRAMMES & EVENTS

## JULY 2025

- Induction Programme for B.Sc. & M.Sc. Sem-1
- Alumni Led Entrepreneurial Insights
- Awareness Programme on Code of Conduct

Induction Program



## AUGUST 2025

- Seminar : Ignite Your Future – Learn From the Achievers
- FDP on NAAC Binary System & Documentation

## SEPTEMBER 2025

- Documentation & Audit Compliance Training
- Academic Planner Audit



## OCTOBER 2025

### GEL CANDLE START-UP PROJECT

#### Production & Training

06–07 October 2025

#### Sales Activities

08–09 October 2025

#### Outcomes

- ✓ 10 Sales Locations
- ✓ Entrepreneurship Exposure
- ✓ Vocal for Local Initiative
- ✓ Net Profit : ₹6,040/-



## NOVEMBER 2025

- FDP on NEP Aligned Curriculum Design
- PDP on NIRF Data Management

## DECEMBER 2025

- Skill Development & Hands-on Training Programme with Rumi English High School

## JANUARY 2026

### RESEARCH CONFERENCE MONTH

#### International Conference on Education, Innovation & Society

17/01/2026

NCIACS–2026

20–21/01/2026

Achievement



#### ISBN Proceedings Published

## FEBRUARY 2026

- State Level Conference on Nanotechnology
- HIKSGF–2026 Conference
- Webinar on Science Careers Beyond Academia



## MARCH 2026

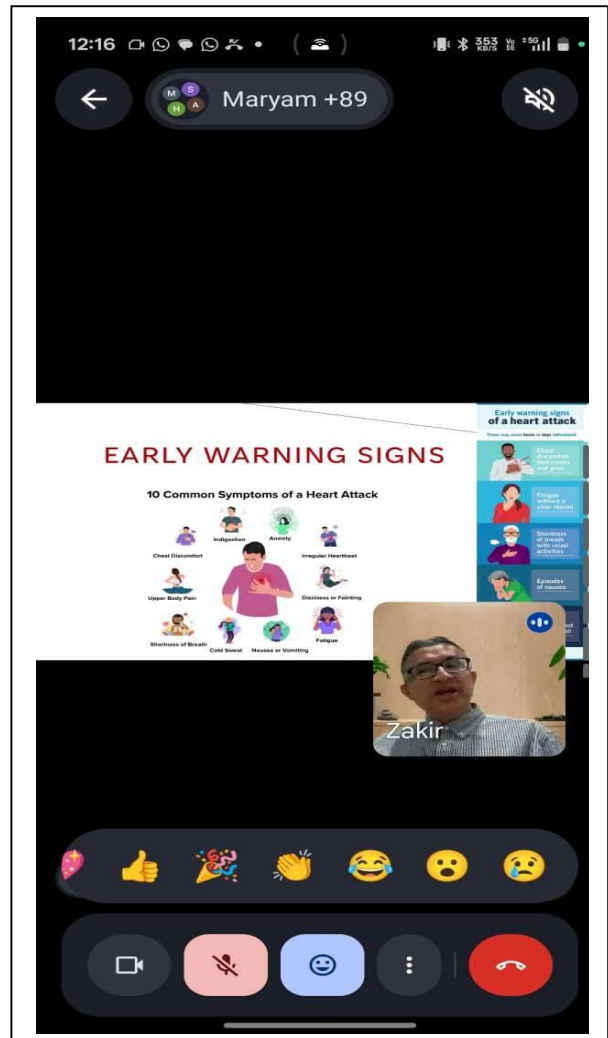
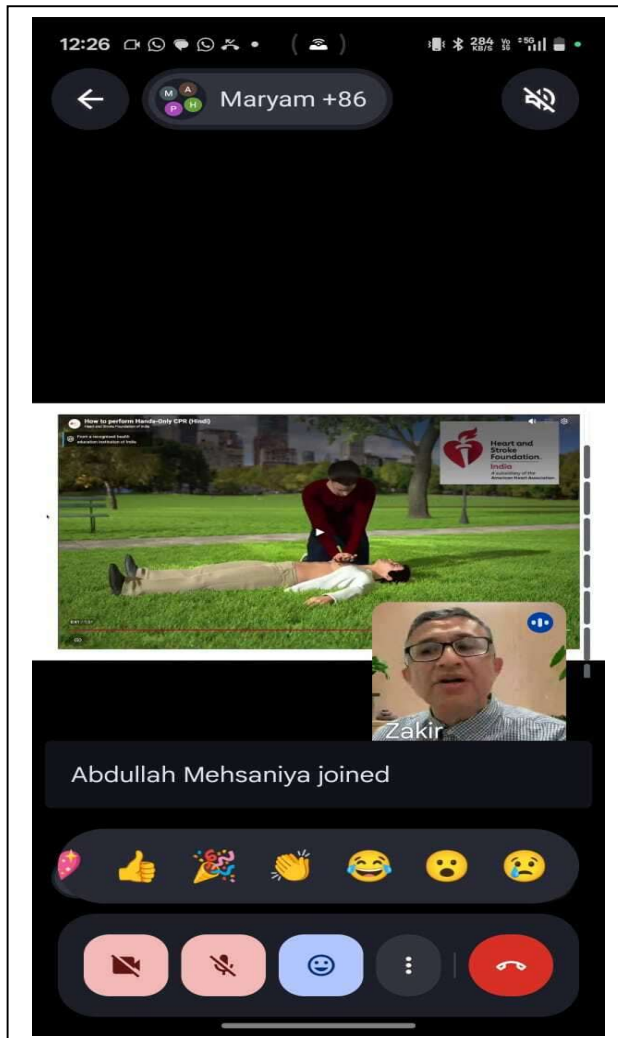
- FDP on Best Practice & Distinctiveness
- Swachh Bharat Abhiyan with Himatnagar Nagarpalika
- Capacity Building Programmes for Non-Teaching Staff

## APRIL 2026

### INTERNATIONAL CPR AWARENESS WEBINAR

In Collaboration with Department of Cardiothoracic Surgery, Prince of Wales Hospital, NSW, Australia

**Keynote Speaker : Dr. Zakir Akhunji**



## INNOVATION & START-UP ECOSYSTEM

### IQAC GUIDED PROJECTS (2025–2026)

The institution successfully strengthened innovation, entrepreneurship, and applied research culture through industry-supported and SSIP-supported start-up projects.

Sr. No.	Project Title	Guide	Funding Agency	Amount
1	Eco-Friendly Corrosion Inhibitor from Amla Leaves	Dr. M. A. Patel	Montage Laboratories Pvt. Ltd.	₹15,000
2	Activated Charcoal Herbal Face Pack	Dr. M. R. Chavda	Montage Laboratories Pvt. Ltd.	₹15,000
3	Herbal Liquid Hand Wash with Activated Charcoal & Aloe Vera	Dr. K. V. Goswami	Montage Laboratories Pvt. Ltd.	₹25,000
4	Activated Charcoal Toothpaste	Dr. K. P. Damor	Montage Laboratories Pvt. Ltd.	₹20,000
5	Biodegradation of LDPE by Soil Microorganisms	Mr. Khatik Rahul Ratanlal	Montage Laboratories Pvt. Ltd.	₹25,000
6	Self-Sterilizing Detergent with Nano-Coating Effect	Dr. Z. M. Gadhawala	SSIP 2.0	₹25,000
7	Green Corrosion Protection Using Natural Extracts	Dr. S. P. Vyas	SSIP 2.0	₹20,000

## START-UP PROJECT IMPACT

- ◆ Total Projects : 07
- ◆ Total Funding : ₹1,45,000/-
- ◆ Departments Involved : Chemistry & Microbiology
- ◆ Industry & Government Collaboration Established



## Major Outcomes

- ✓ Product Innovation
- ✓ Research-Based Learning
- ✓ Entrepreneurship Development
- ✓ Sustainable Scientific Solutions
- ✓ Industry-Academia Collaboration

## SWAYAM / MOE ONLINE COURSE ACHIEVEMENT

## IQAC GUIDED DIGITAL LEARNING EXCELLENCE

Under the guidance of IQAC, students successfully completed SWAYAM Online Certification Courses funded by the Ministry of Education, Government of India.

## STUDENT ACHIEVERS

**Jayswal Prashant Kumar K**

**Course : Organic Photochemistry**

**Score : 81%**



**Rathod Jay N**

**Course : Organic Photochemistry**

**Score : 65%**

## **BEST PRACTICE – 1**

### **I<sup>2</sup>SR FRAMEWORK**

**“From Innovation to Entrepreneurship”**

**Incubation → Innovation → Start-Up → Research**

The institution successfully developed a structured innovation ecosystem connecting:

- ✓ Skill Development
- ✓ Product Innovation
- ✓ Entrepreneurship
- ✓ Research Participation
- ✓ Industry Collaboration



## **BEST PRACTICE – 2**

### **G<sup>3</sup> FRAMEWORK**

**“From Green Campus to Green Community”**

**Green Campus → Green Practices → Green Community**

Major initiatives included:

- ✓ Green Laboratories
- ✓ Solar Energy Systems

- ✓ Environmental Audits
- ✓ QR-Based Green Documentation
- ✓ Harit Setu Sustainability Initiative



## INSTITUTIONAL DISTINCTIVENESS

### SWACHH SURAKSHA

#### “From Classroom Values to Community Safety”

A transformative student-led social responsibility initiative integrating:

- ✓ Applied Science
- ✓ Hygiene Awareness
- ✓ Community Safety
- ✓ Public Health Awareness
- ✓ Social Responsibility

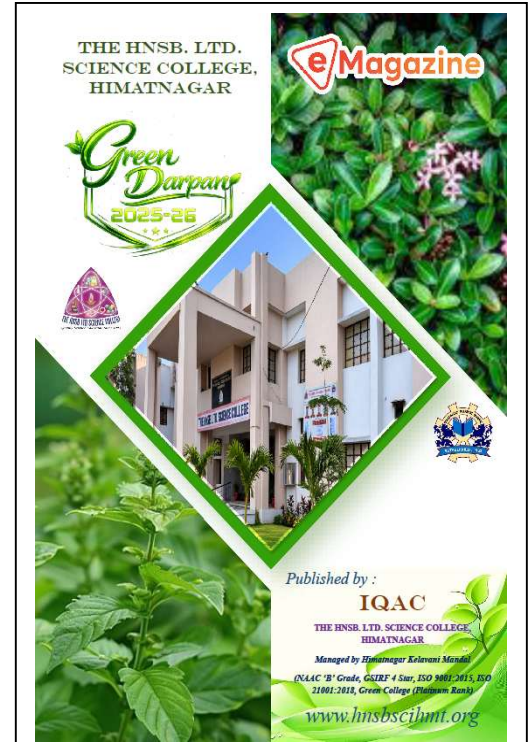


The initiative reflected how higher education can directly contribute toward societal well-being and public dignity.



# IQAC ACHIEVEMENT DASHBOARD

- ✓ IDP Submitted
- ✓ Gender Audit Completed
- ✓ NIRF Participation Completed
- ✓ SOP Systems Implemented
- ✓ Best Practices Successfully Executed
- ✓ Institutional Distinctiveness Completed
- ✓ E-Magazine “Green Darpan” Published
- ✓ ISBN Proceedings Published
- ✓ MOUs Signed
- ✓ Documentary Film Developed





# THE HNSB. LTD. SCIENCE COLLEGE, HIMATNAGAR

“ QUALITY IS NEVER AN ACCIDENT.  
IT IS THE RESULT OF VISION, SYSTEMS,  
INNOVATION, AND COMMITMENT. ”

**IQAC NEWSLETTER 2025–2026**



Excellence



Innovation



Sustainability



Research



Responsibility

— Quality – Science Education Since 1993 —