

# RIYA NILESH HINDOCHA

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30/June/2001

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## EDUCATION

Examination	University / Board	Institution / College	Year of Passing	Percentage
B. Tech (Information Technology)	Sant Gadge Baba Amravati University	Sipna College of Engineering and Technology, Amravati	2024	75.38%
HSC	Maharashtra State Board of Secondary and Higher Secondary Education, Pune	Smt S T K Gujrati Junior College of Manibai Gujarati High School Amravati	2020	64.77 %
SSC	Maharashtra State Board of Secondary and Higher Secondary Education, Pune	Dnyanmata High School, Amravati	2018	89.20 %



## CERTIFICATIONS

- Qualified Maharashtra State Board of Technical Education Maharashtra State Certificate in Information Technology (**MS-CIT**)- 2018.
- Elementary Grade Drawing Examination- 2014 (Qualified).



## PROJECTS

### 1) Saline Alert System using IoT | C, C++

- Built an IoT-based system to prevent air embolism by monitoring saline levels in real time.
- Used Load Cell, HX711, buzzer, LCD display, and Arduino Uno for detection and alerts.
- Programmed in C/C++ to trigger timely alerts when saline is about to finish.

### 2) Training and Placement Data Management | HTML, CSS, Java

- Developed a web application for managing training and placement data using HTML, CSS, and Java.
- Improved the efficiency of placement processes by streamlining data handling and access.
- Collaborated with team members to ensure user-friendly design and reliable performance.



## INTERNSHIPS/EXPERIENCE

### ➤ Incubation Manager – TRICEF, Gondwana University, Gadchiroli, Maharashtra

- Leading incubation programs to support startups, entrepreneurs, and student innovators.
- Managing mentorship, funding facilitation, and networking opportunities for early-stage ventures.
- Coordinating with university departments, industry partners, and government bodies to foster innovation and rural development.
- Designing and implementing strategies to strengthen the entrepreneurial ecosystem in the region.

### ➤ Intern– Operations

*Gujarat Student Startup and Innovation Hub (I-Hub Gujarat)*

*May 2025 – July 2025*

- Supporting early-stage startups through incubation and operations coordination.
- Conducting market research, planning operations, and preparing reports.
- Assisting in startup selection and organizing knowledge-sharing sessions.
- Managing documentation and communication with stakeholders.

### ➤ AICTE- Edu skills Foundation

- **AI-ML:** Developed predictive models, enhanced data analysis skills.
- **Embedded Developer:** Designed firmware, honing IoT proficiency.
- **Cybersecurity:** Carried out assessments, bolstering system protection skills.



## KEY ACHIEVEMENTS

1) **Published Research Paper:** “Saline Alert System using IoT” – IJRSEM, Volume 08, Issue 04, April 2024

- Published in the International Journal of Research in Science, Engineering and Management (IJRSEM), highlighting the design and implementation of an IoT-based system to prevent air embolism in patients.

2) **Athletic Achievement:**

- National-level swimmer with dual university honors; represented at All-India tournaments in 2022 & 2023.
  - Awarded two prestigious color coats; serving as a swimming coach and mentor for all age groups for 8+ years
  - Secured consecutively 3 times silver medals in state-level water polo competitions in 2015, 2016 & 2017.
- 3) **Scholarships:** Got Lila Poonawalla Foundation (LPF) Scholarship for 4 years of B.E: 2020-2024.
- 4) **Leadership Recognition** – Special Attendee and Youth Icon at Viksit Bharat Young Leaders Dialogue, National Youth Festival 2025.
- Invited by the **Ministry of Youth Affairs & Sports, Government of India**, as one of 150 youth representatives from across the country to participate in the prestigious Sardar@150 National Unity March (Padyatra), commemorating the 150th birth anniversary of Sardar Vallabhbhai Patel. Honored to be selected for this national initiative celebrating unity, leadership, and nation-building.
- 5) **Leadership and Innovation** – Core Committee Member, DIPEX (Since 2023)
- Serving on the Core Committee of DIPEX, a prestigious state-level science and technology exhibition.
  - Led planning and execution of innovation prototype showcases with multidisciplinary teams.
  - Executive Committee Member– DIPEX 2025 (Seminar Lead): Organized academic seminars, managed logistics and speaker coordination, and fostered student engagement, gaining hands-on leadership and event management experience.
- 6) **Organizational Activity** – Advisory Committee Member, NSS – Sant Gadge Baba Amravati University (2023–2025)
- Contributed to strategic planning and execution of university-level NSS initiatives, promoting youth engagement, social responsibility, and community development.
- 7) **State Sports Convenor, Khelo Bharat** (2023 – Present)
- Leading state-level sports initiatives to promote youth engagement through sports and fitness activities.
  - Planning and executing state tournaments and fitness drives, engaging thousands of students.
  - Collaborating with institutions, authorities, and volunteers to promote fitness, teamwork, and leadership.
  - Expanding outreach and refining strategies to reach rural and underserved areas.
- 8) **Leadership Experience**– Head Girl, Department of [Information Technology], 2023
- Demonstrated strong leadership by fostering a positive and inclusive sports culture within the College.



## INTERESTS

- Music
- Swimming
- Leadership



## LANGUAGES

- English
- Gujarati
- Hindi
- Marathi