

Middle school science day Printable PDF

Middle School Science Day

Middle School Science Day is an exciting annual event designed to ignite curiosity and foster a love for science among young learners. It provides a platform where students can engage in hands-on activities, explore scientific concepts beyond the classroom, and connect with science in real-world contexts. This special day aims to inspire the next generation of scientists, engineers, and innovators by making science accessible, fun, and meaningful. With a combination of experiments, demonstrations, competitions, and guest speakers, Middle School Science Day creates an environment where learning is active, collaborative, and memorable.

The Purpose and Importance of Middle School Science Day

Fostering Scientific Curiosity

Middle School Science Day is rooted in the idea that curiosity is the foundation of scientific inquiry. By immersing students in various experiments and activities, the event encourages them to ask questions, explore hypotheses, and seek answers. This curiosity-driven approach helps students develop critical thinking skills and a passion for discovery.

Promoting Hands-On Learning

Hands-on activities are central to Science Day. Unlike traditional classroom lessons, which often rely on lectures and textbooks, practical experiments allow students to see science in action. These activities reinforce theoretical concepts and demonstrate real-world applications, making science more tangible and engaging.

Encouraging Teamwork and Collaboration

Many activities during Science Day are designed to be collaborative. Working in teams, students learn to communicate effectively, share ideas, and solve problems collectively. These skills are essential not only in science but also in everyday life and future careers.

Inspiring Future Careers in Science

Exposure to various scientific fields and professionals during Science Day can inspire students to consider careers in science, technology, engineering, and mathematics (STEM). Hearing from scientists and participating in competitions can motivate students to pursue further education in

these areas.

Typical Activities and Events During Middle School Science Day

Science Experiments and Demonstrations

One of the main features of Science Day is a series of experiments that showcase fundamental scientific principles. Some popular experiments include:

- Volcano Eruption Demonstrations: Using baking soda and vinegar to simulate volcanic eruptions.
- Electric Circuits: Building simple circuits with batteries, wires, and bulbs.
- Density and Buoyancy Tests: Testing objects to see whether they float or sink in different liquids.
- Chemical Reactions: Creating colorful reactions with safe household chemicals.

Interactive Workshops

Workshops are designed to provide in-depth experiences in specific scientific areas, such as:

- Robotics and coding
- Environmental science and conservation
- Astronomy and space exploration
- Biology and human body systems

Students participate in hands-on activities that deepen their understanding of these disciplines.

Science Competitions and Challenges

Competitions foster friendly rivalry and encourage innovation. Examples include:

- Science Fair: Students showcase their own experiments and projects.
- Egg Drop Challenge: Designing contraptions to protect an egg from breaking after a fall.
- Build-a-Bridge: Creating models that can support weight using limited materials.
- Trivia Quizzes: Testing knowledge on scientific facts and concepts.

Guest Speakers and Demonstrators

Inviting scientists, engineers, and environmentalists to speak or perform live demonstrations adds excitement and credibility to the event. These professionals share their experiences, discuss career pathways, and highlight the relevance of science in everyday life.

Science Exhibits and Booths

Schools and local organizations often set up booths that provide information on various scientific topics, careers, and community projects. These exhibits can include interactive displays, models, and informational pamphlets.

Planning and Organizing Middle School Science Day

Setting Clear Objectives

Before planning, organizers should define the goals of the event, such as increasing science literacy, promoting teamwork, or inspiring future careers.

Collaborating with Stakeholders

Successful Science Day involves collaboration among:

- Teachers and school staff
- Local science organizations and clubs
- Community volunteers and parents
- Local businesses and sponsors

Selecting Activities and Experiments

Activities should be age-appropriate, safe, and inclusive. Combining a variety of activities ensures that all students find something engaging.

Ensuring Safety and Supplies

Safety is paramount. Organizers must:

- Use safety goggles, gloves, and protective equipment
- Prepare first aid kits
- Ensure all chemicals and materials are safe and non-toxic
- Provide clear instructions and supervision

Promoting the Event

Promotion can include posters, announcements, and social media outreach to encourage participation from students, parents, and the community.

Benefits of Participating in Middle School Science Day

Enhanced Learning Experience

Participating in Science Day allows students to connect classroom knowledge with practical applications, reinforcing learning.

Development of Critical Skills

Through experiments and teamwork, students develop skills such as problem-solving, critical thinking, communication, and collaboration.

Increased Confidence and Enthusiasm

Hands-on success and positive experiences boost students' confidence and enthusiasm for science.

Building Community Engagement

The event fosters a sense of community involvement and pride as students, teachers, and local organizations work together.

Tips for a Successful Middle School Science Day

Engage Students in Planning

Involving students in organizing activities or selecting topics increases their investment and interest.

Incorporate a Variety of Activities

Balance experiments, competitions, demonstrations, and presentations to cater to diverse interests.

Make It Fun and Interactive

Use games, challenges, and creative displays to keep energy high and curiosity piqued.

Emphasize Safety and Inclusivity

Ensure all activities are safe and accessible to all students, including those with special needs.

Follow Up and Reflect

After the event, gather feedback from students and staff to improve future Science Days. Recognize participants and celebrate achievements.

The Impact of Middle School Science Day on Students

Cultivating a Lifelong Interest in Science

Early positive experiences with science can lead to sustained interest and pursuit of STEM careers.

Enhancing Academic Performance

Practical activities can improve understanding and retention of scientific concepts, translating to better classroom performance.

Encouraging Diversity in STEM

By making science engaging and inclusive, Science Day can help attract students from diverse backgrounds to STEM fields.

Preparing Students for the Future

Skills gained during Science Day—such as teamwork, problem-solving, and creativity—are valuable beyond science and prepare students for future academic and career challenges.

Conclusion

Middle School Science Day is more than just an event; it is a vital opportunity to inspire, educate, and empower young learners. By providing engaging, hands-on experiences, fostering curiosity, and promoting collaboration, the event helps cultivate a generation of scientifically literate and innovative individuals. Schools that invest in well-organized Science Days contribute significantly to students' academic growth and their enthusiasm for exploring the fascinating world of science. As these young minds experiment, discover, and imagine, they lay the foundation for a brighter, more curious future society.

Middle School Science Day: Igniting Curiosity and Inspiring the Next Generation of Innovators

Introduction

Middle school science day is a much-anticipated annual event that transforms the classroom and school grounds into a vibrant hub of discovery, experimentation, and learning. Designed to ignite students' curiosity and foster a love for science, this special day offers young learners a hands-on experience outside the traditional classroom setting. It's more than just an educational activity; it's an opportunity to inspire future scientists, engineers, environmentalists, and innovators. As students delve into interactive exhibits, participate in engaging experiments, and connect with science professionals, they begin to see the fascinating ways science impacts their daily lives and the wider world.

The Significance of Middle School Science Day

Middle school is a critical period for shaping students' attitudes toward science. During these formative years, many students develop their interests and passions, which can influence their academic choices and careers in later years. Middle school science day plays a crucial role in this developmental phase by:

- **Fostering Engagement:** Moving beyond textbooks, it introduces students to the excitement of real-world science.
- **Building Confidence:** Hands-on experiments help demystify complex concepts, encouraging students to ask questions and take risks.
- **Encouraging Collaboration:** Many activities involve teamwork, promoting communication and problem-solving skills.
- **Connecting Theory to Practice:** Demonstrations and experiments illustrate how scientific principles operate in everyday life.

In essence, science day acts as a catalyst, transforming passive learners into active explorers.

Organizing a Successful Middle School Science Day

Planning a memorable and impactful science day requires meticulous organization and creative thinking. Schools typically involve teachers, local scientists, community partners, and even parent volunteers to create a diverse and enriching program. The key steps include:

- **Setting Clear Objectives:** Establish what the event aims to achieve, such as increasing scientific literacy, promoting STEM careers, or simply sparking curiosity.
- **Curating Interactive Activities:** Focus on experiments and demonstrations that are safe, manageable, and relevant. These may include physics demonstrations, biology dissections,

chemistry experiments, or environmental science projects.

- Inviting Guest Speakers: Local scientists, engineers, or university students can share their journeys and inspire students.
- Involving Community Partners: Local museums, science centers, and businesses can provide resources, exhibits, or workshops.
- Ensuring Safety: Adequate supervision, safety gear, and clear guidelines are essential for a secure environment.
- Promoting Inclusivity: Activities should cater to diverse learning styles and be accessible to all students.

Once organized, the event should be well-publicized within the school community to maximize participation and excitement.

Popular Activities and Experiments

The heart of middle school science day lies in its hands-on activities. These activities should be engaging, educational, and safe, offering students a chance to directly experience scientific concepts. Some popular and effective activities include:

Physics Wonders

- Egg Drop Challenge: Students design protective containers to prevent an egg from breaking when dropped from a height, illustrating principles of gravity, impact force, and material science.
- Balloon Rocket Race: Using balloons, straws, and string, students learn about propulsion and Newton's third law of motion.
- Magnetic Levitation Demonstration: Showcasing how magnets can suspend objects, illustrating magnetic fields and forces.

Chemistry Creations

- Color-Changing Reactions: Using pH indicators or chemical reactions like vinegar and baking soda to produce fizzing and color changes.
- Slime Making: Exploring polymers and non-Newtonian fluids using safe ingredients.
- Fire Safety Experiments: Demonstrations on combustion and flame retardants, emphasizing safety and chemical reactions.

Biology and Environmental Science

- Microscope Exploration: Students observe prepared slides of microorganisms, plant cells, or insects.
- Plant Growth Experiments: Comparing growth rates of plants under different conditions to teach about photosynthesis and environmental factors.
- Recycling and Sustainability Workshops: Interactive stations on composting, recycling, and reducing carbon footprints.

Engineering and Technology

- Bridge Building Contest: Using popsicle sticks or spaghetti to construct structures that withstand weight, illustrating engineering principles.
- Simple Robotics: Demonstrating basic robotics with programmable kits or Lego Mindstorms.
- Solar Oven Projects: Building ovens using cardboard and aluminum foil to cook marshmallows or s'mores, teaching renewable energy concepts.

Involving Students and Teachers in the Process

Active participation amplifies the impact of science day. Teachers can prepare students by integrating related lessons leading up to the event, so students come prepared with foundational knowledge. During the event:

- Student-led Presentations: Older students or science club members can run stations, explaining experiments and engaging peers.
- Team Challenges: Encouraging collaborative problem-solving fosters teamwork and critical thinking.
- Reflection and Feedback: Post-event discussions help students articulate what they learned and enjoyed.

The involvement of teachers and students in planning and execution nurtures ownership and enthusiasm, making the event more meaningful.

The Role of Community and Industry Partners

Local organizations and industry professionals add real-world relevance to science day. Their involvement can include:

- Hosting Demonstrations: Showcasing cutting-edge research or technologies.
- Providing Resources: Donating materials, kits, or funding for activities.

- Mentoring Opportunities: Engaging students in discussions about careers and educational pathways.
- Organizing Competitions: Science fairs or invention challenges with awards and recognition.

Partnerships like these strengthen community ties, provide role models, and demonstrate how science careers contribute to society.

Measuring Success and Impact

A successful science day leaves a lasting impression. Schools often evaluate the event through:

- Student Feedback: Surveys to gauge what students learned, enjoyed, or found challenging.
- Teacher Observations: Noting student engagement and participation levels.
- Participation Numbers: Tracking attendance and involvement.
- Follow-up Projects: Encouraging students to pursue related science projects or clubs afterward.

The ultimate goal is to inspire ongoing curiosity and foster a sustained interest in science beyond the event itself.

Conclusion

Middle school science day exemplifies an innovative approach to education—one that emphasizes experiential learning, curiosity, and community engagement. By providing students with opportunities to explore, experiment, and connect with science in meaningful ways, it plants seeds of interest that can grow into lifelong passions. As science continues to shape our future, events like these are vital in nurturing the next generation of thinkers, creators, and problem-solvers. Through careful planning, engaging activities, and community collaboration, middle school science day remains a cornerstone in inspiring young minds to look at the world through a scientific lens.

Question What activities are typically included in Middle School Science Day? Middle School Science Day usually features hands-on experiments, science demonstrations, interactive workshops, science quizzes, and guest presentations to engage students in various scientific disciplines. **Answer** How can students prepare for Middle School Science Day? Students can prepare by reviewing basic science concepts, participating in related classroom projects, researching specific science topics, and practicing any presentations or demonstrations they plan to showcase. What are the benefits of participating in Middle School Science Day? Participating helps students develop scientific inquiry skills, fosters curiosity, encourages teamwork, and provides an opportunity to explore science careers and topics in a fun, engaging environment. How can teachers make Middle School Science Day more engaging? Teachers can incorporate interactive experiments, invite guest scientists, use multimedia presentations, and encourage student-led demonstrations to make the

event more exciting and educational. Are there any popular themes for Middle School Science Day? Yes, common themes include environmental science, space exploration, robotics, renewable energy, and biotechnology, which help focus activities and inspire student interest in specific areas. How can parents support their children during Middle School Science Day? Parents can assist by helping with project ideas, providing materials, encouraging their child's curiosity, and attending the event to show support and celebrate their child's scientific interests.

Related keywords: middle school science activities, science fair projects, classroom science experiments, STEM education, science day events, student science competitions, science fair ideas, hands-on science lessons, educational science demonstrations, school science exhibition

Ponnani Sub District School Codes

ponnani sub district school codes are essential identifiers for schools within the Ponnani sub district of Kerala, India. These unique codes play a vital role in streamlining administrative processes, facilitating accurate record-keeping, and enhancing communication between educational authorities, schools, students, and parents. Whether you are a parent seeking information about a child's school, an educator, or a government official, understanding the significance and application of these school codes can be incredibly beneficial. This comprehensive guide will explore everything you need to know about Ponnani sub district school codes, including their importance, how to find them, and tips for using them effectively.

Understanding the Importance of Ponnani Sub District School Codes

What Are School Codes?

School codes are unique identifiers assigned to each educational institution within a specific administrative region. In the context of Ponnani sub district, these codes help distinguish one school from another, ensuring clarity and precision in official documentation and communication.

Why Are School Codes Important?

- **Administrative Efficiency:** Simplifies data management for government bodies, enabling quick access to school records, performance data, and resource allocation.
- **Streamlined Student Enrollment:** Ensures accurate registration and avoids errors during admission processes.
- **Exam and Result Management:** Facilitates seamless coordination of examinations, results,

and certifications.

- **Funding and Grants:** Helps in the proper allocation of government funds and grants to schools based on verified data.

- **Parent and Student Assistance:** Allows parents and students to verify school credentials easily.

How to Find Ponnani Sub District School Codes

Official Government Portals

The Kerala Education Department maintains comprehensive online databases where you can find school codes. The official portal provides a search feature allowing users to look up schools by name, location, or code.

School Websites and Contact Details

Many schools maintain their own websites or contact information where they list their official codes. Direct communication with school administration can also provide accurate code details.

District Education Office

Visiting or contacting the Ponnani District Education Office is a reliable way to obtain official school codes. They maintain records and can provide updated lists.

National Educational Data Portals

Platforms like the National Digital Education Architecture (NDEAR) and other government databases include school codes across India, including Ponnani.

Common Uses of Ponnani School Codes

Student Registration and Admission

School codes are critical during the admission process to ensure students are registered with the correct institution, especially during online applications or centralized registration systems.

Examinations and Results

The Central Board of Secondary Education (CBSE), Kerala State Education Board, and other examination boards rely on school codes to organize and publish results accurately.

Transfer and Record Keeping

When students transfer schools, their records are linked to the school code, ensuring seamless transfer of academic history.

Government Funding and Compliance

School codes are used in government audits, funding distribution, and compliance checks to verify the legitimacy and operational status of schools.

Examples of Ponnani Sub District School Codes

While specific codes are unique and subject to updates, here are some illustrative examples for understanding:

- PNN-101: Ponnani Government Higher Secondary School
- PNN-102: Ponnani Model School
- PNN-103: Ponnani Girls High School
- PNN-104: Ponnani Government Primary School

Note: Actual school codes can vary and should be verified through official channels.

Tips for Using Ponnani School Codes Effectively

Keep a Record

Maintain a personal or institutional record of the school codes for quick reference during admissions, examinations, or administrative procedures.

Verify Before Submission

Always double-check the school code when filling out forms or submitting documents to prevent errors.

Use Official Sources

Rely on government portals, official school websites, or direct communication with school authorities to get authentic codes.

Stay Updated

School codes can be revised or updated periodically. Keep abreast of official notifications or announcements from the education department.

FAQs About Ponnani Sub District School Codes

Are Ponnani school codes the same across different educational boards?

No, school codes are specific to each educational board or governing body. For example, CBSE schools will have different codes from Kerala State Board schools.

Can I use the school code to verify the legitimacy of a school?

Yes, authentic school codes can be cross-verified through official government portals or district education offices to confirm a school's legitimacy.

How often are school codes updated?

Updates to school codes are generally made when new schools are established or existing schools undergo administrative changes. It's advisable to verify codes periodically.

Conclusion

Understanding **ponnani sub district school codes** is crucial for anyone involved in the educational ecosystem of Ponnani. These codes serve as vital tools for ensuring accurate administration, smooth student processes, and transparent governance. Whether you're a parent, student, educator, or administrator, familiarizing yourself with these codes and knowing where to find them can significantly streamline educational transactions and contribute to better management. Always rely on official sources for the most accurate and up-to-date information, and keep a record of school codes for future reference. As the education landscape evolves, so will the systems and codes associated with it, making ongoing awareness and verification essential.

Ponnani Sub District School Codes: An In-Depth Overview

Understanding the school coding system within the Ponnani sub-district is crucial for administrators, educators, parents, and policymakers aiming to streamline school management, ensure data accuracy, and facilitate efficient communication. This comprehensive review delves into the intricacies of Ponnani sub-district school codes, exploring their structure, significance, application, and future prospects.

Introduction to School Codes in Ponnani Sub District

School codes serve as unique identifiers assigned to each educational institution within a specific administrative region. In Ponnani sub-district, these codes are vital for:

- Data collection and analysis
- Student enrollment tracking
- Funding and resource allocation
- Administrative reporting and compliance
- Enhancing transparency and accountability

Given the diversity of schools?ranging from government-run primary schools to private institutions?the coding system must accommodate various parameters while maintaining simplicity and uniqueness.

Structure and Format of Ponnani School Codes

Understanding the structural framework of school codes is fundamental. The Ponnani sub-district typically adopts a systematic format designed to encode essential information within the code itself.

Common Format Elements

Most school codes in Ponnani adhere to a standardized pattern, often comprising:

- District Identifier (2-3 digits): Represents the district code, e.g., 'PN' or numeric equivalent.
- Sub-district or Taluk Code (2 digits): Denotes the specific sub-district or taluk, e.g., '01' for Ponnani.
- School Type Indicator (1-2 characters): Encodes whether the school is primary, upper primary, secondary, or higher secondary.
- Serial Number (3-4 digits): Unique sequential number assigned to each school within the category.

Example: `PN-01-PR-0234`

- `PN`: Ponnani district
- `01`: Ponnani taluk
- `PR`: Primary school
- `0234`: Serial number

This structure ensures each school has a unique, meaningful code facilitating easy identification.

Variations Based on School Type

Different school categories may have distinct coding conventions:

- Primary Schools (PR): Codes often start with 'PR' followed by serial numbers.
- Upper Primary Schools (UP): Typically marked with 'UP'.
- Secondary Schools (SS): Marked as 'SS'.
- Higher Secondary Schools (HSS): Denoted as 'HSS'.

Some systems may incorporate additional parameters such as management type (government, aided, private) via specific code segments.

Significance of School Codes in Ponnani

The importance of a well-organized coding system cannot be overstated. It impacts multiple facets of school administration and policy implementation.

Data Management and Analysis

- Efficient Data Collection: School codes allow for systematic collection of data across various parameters like student enrollment, attendance, and academic performance.
- Easy Data Retrieval: Enables quick access to school-specific information within large datasets.
- Trend Analysis: Facilitates tracking of changes over time, such as enrollment trends or resource distribution.

Administrative Coordination

- Simplifies the process of reporting to higher authorities.
- Assists in the allocation of funds, infrastructure development, and staffing.
- Helps in monitoring compliance with government regulations.

Policy Implementation and Monitoring

- Ensures targeted interventions by identifying schools requiring attention.
- Supports accountability by linking performance data to specific school codes.
- Streamlines the process of accreditation and quality assurance.

Parent and Community Engagement

- Improves transparency regarding school identification.
- Assists parents in locating and verifying schools.
- Facilitates community involvement through clear identification.

Application and Usage of School Codes in Ponnani

The practical application of school codes spans multiple domains:

Educational Data Systems

- Integration into government databases like the Unified District Information System for Education (UDISE).
- Used in online portals for school management and reporting.

Enrollment and Attendance

- Each student's record is linked to the school code, simplifying tracking.
- Attendance registers and digital systems utilize codes for validation.

Resource Distribution

- Allocations for textbooks, infrastructure funds, and teacher postings are based on school codes.
- Ensures equitable distribution aligned with school needs.

Examination and Certification

- Examination authorities assign codes to facilitate exam registration, result processing, and certification.

Legal and Policy Documentation

- School codes are referenced in legal documents, policies, and official correspondences.

Challenges in Implementing and Maintaining School Codes in Ponnani

While the system offers numerous advantages, there are challenges that need addressing:

Data Accuracy and Consistency

- Ensuring that school codes are uniformly assigned and updated.
- Avoiding duplication or errors during data entry.

Integration Across Systems

- Compatibility issues between different databases or platforms.
- Synchronization of codes during administrative transitions or system upgrades.

Management of Private and New Schools

- Incorporating newly established private schools into the existing coding framework.
- Assigning codes in a timely manner to avoid gaps.

Training and Awareness

- Educating administrative staff on proper coding procedures.
- Ensuring understanding of the importance of correct code usage.

Future Prospects and Improvements for School Coding in Ponnani

To enhance the effectiveness of the school coding system, several strategies can be considered:

Adoption of Digital and Automated Systems

- Implementing centralized, cloud-based platforms for code assignment and management.
- Utilizing automation tools to generate unique codes, reducing human error.

Standardization and Uniformity

- Developing comprehensive guidelines for code structure applicable across all schools.
- Ensuring consistency in code assignment, especially during new school registration.

Enhanced Data Integration

- Linking school codes seamlessly with other administrative and academic systems.
- Facilitating real-time updates and data sharing.

Regular Audits and Updates

- Periodic review of existing codes for accuracy.
- Reassigning or correcting codes as necessary to adapt to structural changes.

Community and Stakeholder Engagement

- Informing schools about the importance of correct coding.
- Encouraging feedback to improve the system.

Conclusion

The Ponnani sub-district school codes form the backbone of efficient educational administration within the region. Their structured design, systematic application, and strategic importance underscore their role in fostering transparency, accountability, and data-driven decision-making. While challenges exist, ongoing technological advancements and policy support can significantly enhance the robustness of the coding system. As Ponnani continues to grow and evolve, maintaining a reliable, consistent, and accessible school code system will be crucial for sustainable educational development.

In summary, understanding the nuances of Ponnani sub-district school codes offers valuable insights into the administrative fabric that supports education in the region. Proper implementation and management of these codes will ensure that the region's educational infrastructure remains organized, responsive, and future-ready.

Question What are the school codes for Ponnani sub district schools? School codes for Ponnani sub district schools are unique identifiers assigned by the Kerala State Education Department to each school within the sub district. These codes help in administrative and academic record-keeping. **Answer** How can I find the school code for a specific school in Ponnani? You can find the school code by visiting the official Kerala Education Department website or contacting the local

education office in Ponnani. Additionally, school directories and official notices often list these codes. Are Ponnani sub district school codes available online? Yes, the school codes for Ponnani sub district schools are available online through the Kerala Education Department's official portals and online databases. Why are school codes important in Ponnani's educational system? School codes are important for administrative purposes, including admission processes, examination registration, data management, and reporting within Ponnani's educational system. How frequently are school codes updated in Ponnani? School codes are typically updated when new schools are established or existing schools undergo administrative changes. Updates are managed by the Kerala Education Department as needed. Can I use school codes to verify a school's accreditation status in Ponnani? Yes, school codes can be used to verify accreditation and other official details through the Kerala Education Department's official database. Is there a list of all Ponnani sub district school codes available for download? Official lists of school codes are sometimes available for download on the Kerala Education Department website or through regional education offices. Are school codes in Ponnani unique across the entire state of Kerala? Yes, school codes are unique identifiers assigned by the Kerala Education Department and are distinct across the entire state, including Ponnani. How can I contact the office responsible for school codes in Ponnani? You can contact the Ponnani Education Office or the Kerala State Education Department's district office for assistance regarding school codes in Ponnani.

Related keywords: Ponnani sub district school codes, Kerala school codes, Malappuram school identifiers, Ponnani educational institutions, sub district school listings, government school codes Kerala, Ponnani school database, Kerala school registration codes, Malappuram district schools, Ponnani education department

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