



## **S.A.S. GOVERNMENT DEGREE COLLEGE**

(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM)

Phone: [08818 252189](tel:08818252189), E-mail: [narayanapuram.jkc@gmail.com](mailto:narayanapuram.jkc@gmail.com)

NARAYANAPURAM, ELURU DISTRICT-534406



## **Field Trip – Prism Johnson Johnson Tails Factory PVT LTD at Narayanapuram**

**Organized by Department of Physics on  
20.12.2025**

## Permission Letter

18.12.2025  
Narayanapuram

To  
The Principal  
SAS Govt. Degree College  
Narayanapuram

Respected madam,

**Subject: Request for Permission to Visit Johnson & Johnson Tiles Factory as a Field Trip – Reg.**

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We respectfully request you to kindly grant permission for the First- and Second-Year B.Sc. students of our college to visit **Johnson & Johnson Tiles Factory** as part of an educational field trip.

The visit is planned to provide students with practical exposure to industrial processes, manufacturing techniques, and quality control methods in the tiles and ceramic industry. This hands-on experience will help students understand theoretical concepts learned in the classroom and enhance their industrial awareness.

A total of around 20 students, along with faculty members, will be participating in this trip. We assure you that all students will maintain discipline and adhere to the rules and safety regulations of the factory during the visit.

We kindly request you to consider our application and grant permission for the same.

Thanking you.

Yours faithfully,

Dr B Venkatesulu Reddy  
Lecturer in Physics  
SAS GDC Narayanapuram



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**NARAYANAPURAM, ELURU DISTRICT-534406**



To  
The HR Manager  
Johnson & Johnson Tiles Factory  
Narayanapuram Eluru (Dt).

From  
The Principal  
SAS Government Degree College  
Narayanapuram.

Sub: Request for Permission to Visit Johnson & Johnson Tiles Factory as a Field Trip – Req - Reg.

Sir,

I hope this letter finds you well. I am writing on behalf of S A S Government Degree College Narayanapuram, which is located in a rural area and primarily serves students from rural backgrounds. As part of our efforts to provide a comprehensive educational experience, we are planning an educational trip to expose our students to a more diverse learning environment and to give them the opportunity to explore academic opportunities beyond our region.

It has been planned by the Science Departments for Organising Field trip. In this regard, we request you to kindly permit first & Second year B.Sc MPC students around (25 Including staff) of our college to visit Johnson & Johnson tiles factory as per your convince during the 19- 23<sup>rd</sup> -Dec-2025.

Kindly consider our request and please forward your acceptance to the following mail ID [narayanapuram.jkc@gmail.com](mailto:narayanapuram.jkc@gmail.com) / [b.venky.45@gmail.com](mailto:b.venky.45@gmail.com) at the earliest and do needful in the matter.

Thanking you sir,

Yours Faithfully  
Principal

## Field Trip Report – Johnson & Johnson Tiles Factory

Date of Visit: 20.12.2025

Visited By: First and Second Year B.Sc. CS Students

Organized By: SAS Govt. Degree College, Narayanapuram

### Objective of the Visit

The field trip was organized to provide students with practical exposure to industrial processes involved in tile manufacturing. The visit aimed to enhance understanding of machinery, fabrication techniques, and production processes used in modern tile factories.

### Observations and Learning

#### Tile Fabrication Machines:

Students observed machines used for shaping raw materials into tiles. The factory demonstrated how clay and other raw materials are mixed, pressed, and cut into uniform tile shapes.

#### Polishers and Grinders:

The polishing and grinding machines were shown in action. Students learned that these machines remove surface irregularities, smoothen the tiles, and prepare them for the final finish. Different grades of abrasives are used depending on the type of tile.

#### Hydraulic Press Machines:

The students observed hydraulic presses used to compact the tile mixture under high pressure. This ensures uniform density and strength in each tile. The mechanism and safety measures of hydraulic machines were explained.

#### Polishing Process:

The visit demonstrated automated and semi-automated polishing lines. Students understood how water, abrasives, and polishing pads work together to achieve glossy surfaces on tiles.

#### Drying and Firing:

Students learned about the kiln process, where tiles are baked at high temperatures to harden and strengthen them. The importance of controlled heating and cooling for preventing cracks was emphasized.

#### Quality Control and Inspection:

The factory staff explained various quality checks such as measuring thickness, flatness, and surface finish. Students understood how defects are identified and corrected in large-scale production.

### Outcome of the Visit

Students gained hands-on understanding of industrial machinery and tile production processes. They observed the integration of mechanical, hydraulic, and polishing systems in a production line.

The visit bridged the gap between theoretical concepts studied in the classroom and real-world industrial applications.

Students also developed an appreciation for safety protocols and quality standards in manufacturing industries.

### Conclusion

The field trip to Johnson & Johnson Tiles Factory was highly informative and beneficial for all students. It provided them with valuable practical knowledge about tile manufacturing, machinery operation, and industrial processes, complementing their academic learning.





JOHNSON  
**PRISM JOHNSON LIMITED**  
H & R JOHNSON (INDIA) DIVISION  
TIRE PLANT  
Survey No. 97 - 107, Narayanapuram Village,  
Taluk Mandal - 534406, Eluru District, Andhra Pradesh, India

ASSOCIATED TO  
**SAS GOVERNMENT DEGREE COLLEGE**  
NARAYANAPURAM - ELURU DISTRICT  
**FIELD TRIP**  
DEPARTMENT OF PHYSICS

GPS Map Camera

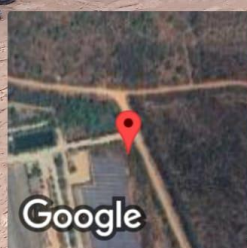
Gollagudem, Andhra Pradesh, India



R9px+f66, Dubacherla - Chebrolu, Gollagudem, Andhra Pradesh 534406, India

Lat 16.837977° Long 81.399497°

Saturday, 20/12/2025 04:33 PM GMT +05:30



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GPS Map Camera

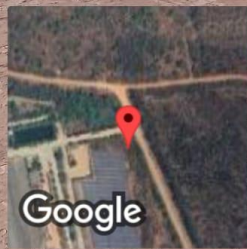
Gollagudem, Andhra Pradesh, India



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Lat 16.837963° Long 81.399496°

Saturday, 20/12/2025 04:33 PM GMT +05:30



Student Feedback Form – Field Trip to Johnson & Johnson Tiles Factory

Date of Visit: \_\_\_\_\_

Class / Section: \_\_\_\_\_

Name of Student: \_\_\_\_\_

Instructions:

Tick (✓) the option that best reflects your opinion for each question.

S. No	Question	Excellent	Very Good	Good	Average	Below Average
1	Overall learning experience during the visit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Understanding of tile fabrication machines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Knowledge gained about polishers and grinders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Clarity of hydraulic press and processes explained	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Understanding of polishing, drying, and firing processes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Observation of quality control and inspection methods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Overall usefulness of the field trip in connecting theory with practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Organization and management of the visit by faculty	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>