



KERALA REAL ESTATE REGULATORY AUTHORITY

THIRUVANANTHAPURAM

Complaint Nos. 260/2022

Present: Sri. M. P Mathews, Member

Dated 26th June 2023

Complainant

1. K.M.Nizar,
'Hilltop' Kasanakotta,
P.O Civil Station, Kannur – 670002.

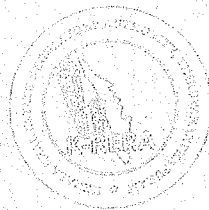
Respondents

1. M/s Thana Square,
A partnership Firm having its office
at Opposite Kottachery Petrol Pump,
Thana, Kannur-670012.
2. M/s Thana Square,
A partnership Firm having its office
at Opposite Kottachery Petrol Pump,
Thana, Kannur-670012.
(Represented by its Partners).
3. Luthufuddeen Puthiyakuty
Mappilagath, Managing Director,
Alfa One Global Builders Pvt.
Ltd., 'Laseen', P.O Mundayad,
Kannur – 670594.



4. Kaniyarakkal Sooppikantavida Abdul Sathar, Residing at "Shajjas", Behind Indira Petrol Pump, Chovva. P.O, Kannur District, Pin 670 006.
5. Madappurayil Shamshad Beegam, Residing at "Shajjas", Behind Indira Petrol Pump, Chovva. P.O, Kannur District, Pin 670 006.
6. Madappurayil Shameena, Residing at "Shajjas", Behind Behind Indira Petrol Pump, Chovva. P.O, Kannur District, Pin 670 006.
7. Madappurayil Shahees, Residing at "Shajjas", Behind Indira Petrol Pump, Chovva. P.O, Kannur District, Pin 670 006.
8. Madappurayil Shaja, Residing at "Shajjas", Behind Indira Petrol Pump, Chovva. P.O, Kannur District, Pin 670 006.
9. Madappurayil Shabeer, Residing at "Shajjas", Behind Indira Petrol Pump, Chovva. P.O, Kannur District, Pin 670 006.

The above Complaints came up for virtual hearing today. Counsel for the Complainant Adv. Mohammed Sayyid Qutub and counsel for the Respondents Nos.1,2,4 to 9 Adv.K Viswan attended the hearing.



ORDER

1. The Complainant is an allottee of the project named 'Thana Square' located at Kannur District, developed by the Respondents. The said project is registered with the Authority under Section 3 of the Act. (Registration No.K-RERA/PRJ/KNR/212/2022).

2. The Counsel for the Complainant has filed a memo dated 26/06/2023 stating that the matter has been settled between the parties based on the terms and conditions stipulated in the compromise agreement. A compromise agreement dated 12/04/2023 signed by both the parties was produced before the Authority through email. Hence the above Complaint is hereby disposed of on the basis of the said compromise agreement which shall be the part of this Order.

Sd/-
Sri.M.P. Mathews
Member

True Copy/Forwarded By/Order


Secretary (legal)

Mathematical Induction

1. Base Case: $n = 1$. Verify the statement for the smallest value of n .

2. Inductive Step: Assume the statement is true for $n = k$. Prove it for $n = k + 1$.

3. Conclusion: The statement is true for all $n \geq 1$.

Example: Prove that $1 + 2 + \dots + n = \frac{n(n+1)}{2}$.

Base Case: $n = 1$. $1 = \frac{1(1+1)}{2} = 1$. True.

Inductive Step: Assume true for $n = k$. $1 + 2 + \dots + k = \frac{k(k+1)}{2}$.

For $n = k + 1$, $1 + 2 + \dots + k + 1 = \frac{k(k+1)}{2} + (k+1)$.

$= \frac{k(k+1) + 2(k+1)}{2} = \frac{(k+1)(k+2)}{2}$. True.

Conclusion: The statement is true for all $n \geq 1$.

Example: Prove that $2^n > n$ for all $n \geq 1$.

Base Case: $n = 1$. $2^1 = 2 > 1$. True.

Inductive Step: Assume true for $n = k$. $2^k > k$.

For $n = k + 1$, $2^{k+1} = 2 \cdot 2^k > 2k$.

Since $2k > k + 1$ for $k \geq 1$, $2^{k+1} > k + 1$. True.

Conclusion: The statement is true for all $n \geq 1$.

Example: Prove that $3^n > n^2$ for all $n \geq 5$.

Base Case: $n = 5$. $3^5 = 243 > 25 = 5^2$. True.

Inductive Step: Assume true for $n = k$. $3^k > k^2$.

For $n = k + 1$, $3^{k+1} = 3 \cdot 3^k > 3k^2$.

Since $3k^2 > (k+1)^2$ for $k \geq 5$, $3^{k+1} > (k+1)^2$. True.

Conclusion: The statement is true for all $n \geq 5$.

Example: Prove that $4^n > n^3$ for all $n \geq 10$.

Base Case: $n = 10$. $4^{10} = 1048576 > 1000 = 10^3$. True.

Inductive Step: Assume true for $n = k$. $4^k > k^3$.