

Sree Narayana College Chengannur

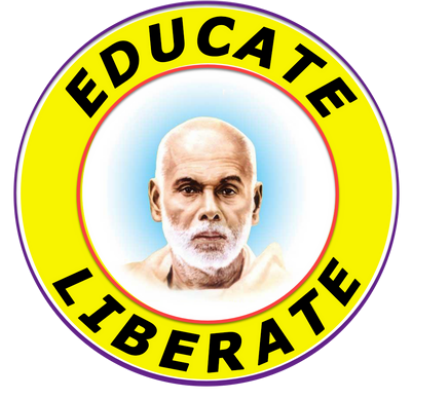
Post Graduate Department of Physics & IQAC

(Affiliated to University of Kerala)

NAAC accredited with Grade B

Neduvaramcode (PO), Cheriyanad

Chengannur-689508



Certificate Course & Workshop

INSTRUMENTATION BASICS & TECHNICAL SKILL DEVELOPMENT

In Association with

PROMINENT[®]
A PERFECT SOLUTION
*** ISO 9001:2015 Certified ***
Sales, Service & Manufacturer of Scientific Instruments

Dr.K Sreelatha
Head of the Department

Dr.Shereen K
Principal-in-Charge

Co-ordinator: Dr.K Sreelatha

Members:

Ms.Shehina Shaji

Ms.Renju Ravi

Ms.Arya Raveendran

Ms.Reshma Remesh

Ms.Soorya M

Mr.Ashok Kumar P R

2023 FEBRUARY 21-25

Dr. K.Sreelatha
Head of the Department
SN College Chengannur

Chengannur
15/02/2022

The Principal
SN College Chengannur

Subject :- Conduct a certificate course for 2022-2023- request permission reg:

Madam,

The Department of Physics plans to conduct a certificate course on "Instrumentation Basics & Technical Skill Development" for the UG and PG students of the department. The duration of the course is 30 hours. We plan to conduct the course from 21/02/2023 to 25/02/2023 in association with Prominent, Kozhikode.

Kindly grant permission to organize the same.

Thanking you,

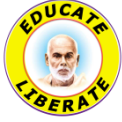
Yours faithfully,



Dr. K Sreelatha



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SREE NARAYANA COLLEGE
CHENGANNUR



SREE NARAYANA COLLEGE CHENGANNUR
DEPARTMENT OF PHYSICS



CERTIFICATE COURSE

Course Title : Instrumentation basics & Technical skill development

Total hours : 30

Trainers : PROMINENT, sales, service and manufacturer of scientific instruments.

Course Objectives:

- Understand the basic working principles of important electrical and electronic circuit components.
- Troubleshooting the laboratory equipments.
- Develop the skill of simple electronic circuit fabrication and instrumentation.

SYLLABUS

Module 1: Familiarisation of electronics circuit components - Resistor, Capacitor, Diodes, Transistor, Inductor, Integrated Circuits.

Module 2: Characteristics of AC and DC signals.

Module 3: Familiarisation of Galvanometer, Ammeter, Voltmeter, DC power supplies, AC signal generator, CRO.

Module 4: Electronics circuit fabrication basics- bred board, soldering techniques.

Module 5: Construction and working of simple electronic circuits- Rectifier, voltage regulator, amplifier, oscillator, multivibrator.



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SREE NARAYANA COLLEGE, CHENGANNUR
DEPARTMENT OF PHYSICS

Minutes of the Meeting

The minutes of the meeting of the Board of Studies of Certificate courses was held on 14th February, 2022 in the Department of Physics, Sree Narayana College, Chengannur at 10.00 a.m. The following members were present for the meeting.

1. Dr.K Sreelatha
2. Ms.Shehina Shaji
3. Ms.Renju Ravi
4. Ms.Arya Raveendran
5. Ms.Reshma Remesh
6. Ms.Soorya M

The following points were discussed in the meeting.

- The BoS has decided to initiate the following certificate course in the academic year 2022-23.

INSTRUMENTATION BASICS & TECHNICAL SKILL DEVELOPMENT

- The syllabus for the above courses was designed by the committee considering the global needs and demand of the market.
- This course will provide the students an idea of the basic idea of Instrumentation.
- It was decided to conduct the above course having 30 hours duration.
- The committee has suggested considering the suggestions of Prominent Group (ISO Certified Company), Kozhikode about the timing of the class.
- The committee has suggested appointing the trainers for the above courses.
- Classes will start from 21/02/2023 to 25/02/2023.
- The minimum attendance for the successful completion of the course is decided to be 75%.
- The submission of the assignment is compulsory for the successful completion of the course.

- The board has decided to initiate the certificate courses as per the approval of IQAC.
Dr. K. Sreelatha proposed the vote of thanks and the meeting ended.

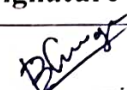

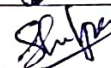
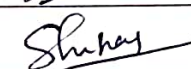
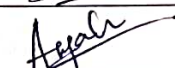
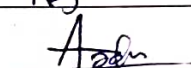
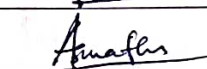
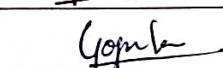
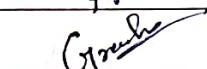
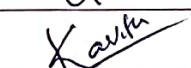
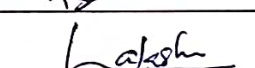
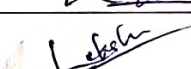
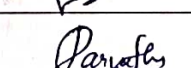
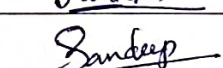
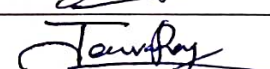
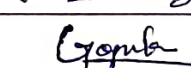
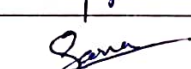
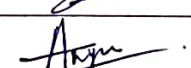
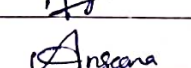
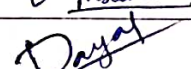
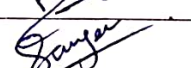


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CERTIFICATE COURSE IN INSTRUMENTATION BASICS & TECHNICAL SKILL DEVELOPMENT

Details of students enrolled for Certificate Course in 2022-2023

Sl. No.	Candidate Code	Name of Student	Class	Signature of the student
1.	63022128001	Bhagya Vijayan	I M.Sc. Physics	
2.	63022128002	Meenu B S	I M.Sc. Physics	
3.	63022128003	Shilpa Vijayan	I M.Sc. Physics	
4.	63022128004	Shiney Y	I M.Sc. Physics	
5.	63021128001	Anjali S	II M.Sc. Physics	
6.	63021128002	Ardra Sajeev	II M.Sc. Physics	
7.	63021128003	Aswathi Ashok	II M.Sc. Physics	
8.	63021128005	Gopika P S	II M.Sc. Physics	
9.	63021128006	Greeshma Babu	II M.Sc. Physics	
10.	63021128007	Kavitha K M	II M.Sc. Physics	
11.	63021128008	Lakshmi S	II M.Sc. Physics	
12.	63021128009	Lakshmi B	II M.Sc. Physics	
13.	63021128010	Parvathy S Kumar	II M.Sc. Physics	
14.	63021128011	Sandeep Kumar S	II M.Sc. Physics	
15.	23022128001	Jeevaraj R	I B.Sc. Physics	
16.	23021128001	Gopika Unni	II B.Sc. Physics	
17.	23021128002	Sona S	II B.Sc. Physics	
18.	23020128002	Anju B	III B.Sc. Physics	
19.	23020128003	Anseena A	III B.Sc. Physics	
20.	23020128004	Dayal Udayan	III B.Sc. Physics	
21.	23020128005	Sanjeev Sathyan	III B.Sc. Physics	




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22.	23020128006	Shiji Johnson	III B.Sc. Physics	<i>Shiji</i>
23.	23020128007	Thomas Kuriakose	III B.Sc. Physics	<i>Thomas</i>
24.	23020128008	Tini Chandran	III B.Sc. Physics	<i>Tini Chand</i>
25.	23020128009	Amrutha S	III B.Sc. Physics	<i>Amrutha</i>
26.	23020128010	Anju Uthaman	III B.Sc. Physics	<i>Anju</i>
27.	23020128011	Swathy Santhosh	III B.Sc. Physics	<i>Swathy</i>



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CERTIFICATE COURSE IN INSTRUMENTATION - BASICS
ATTENDANCE

AND TECHNICAL SKILL DEVELOPMENT 2022 - 2023
 21/02/2023 to 25/02/2023 **REGISTER**

Date :

Name of Course Certificate course Teacher(S)

Month (S) February 2023 No. of Instructional Hours 30 hrs

Sl. No.	Name of Student	Date		21/02/2023						23/02/2023						24/02/2023						25/02/2023						No. of Days Present	
		Hour		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6		
1.	Bhagya Vijayan			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
2.	Meenu B S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
3.	Shulpa Vijayan			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
4.	Shiney Y			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
5.	Anjali S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
6.	Ardra Sajeer			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
7.	Aswathi Ashok			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
8.	Coopika P S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
9.	Craveeshma Babu			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
10.	Kavitha K M			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
11.	Lakshmi S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
12.	Lakshmi B			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
13.	Paavathy S Kumari			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
14.	Sandeep Kumar S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
15.	Teerazay R			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
16.	Gopika Vani			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
17.	Sona S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
18.	Anju B			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
19.	Anseena A			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
20.	Dhaya Udayan			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
21.	Sanjeer Sathyan			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
22.	Shyri Johnson			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
23.	Thomas Kurian			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
24.	Tini Chandran			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
25.	Aneetha S			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
26.	Anju Uthaman			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
27.	Swathy Santhosh			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5



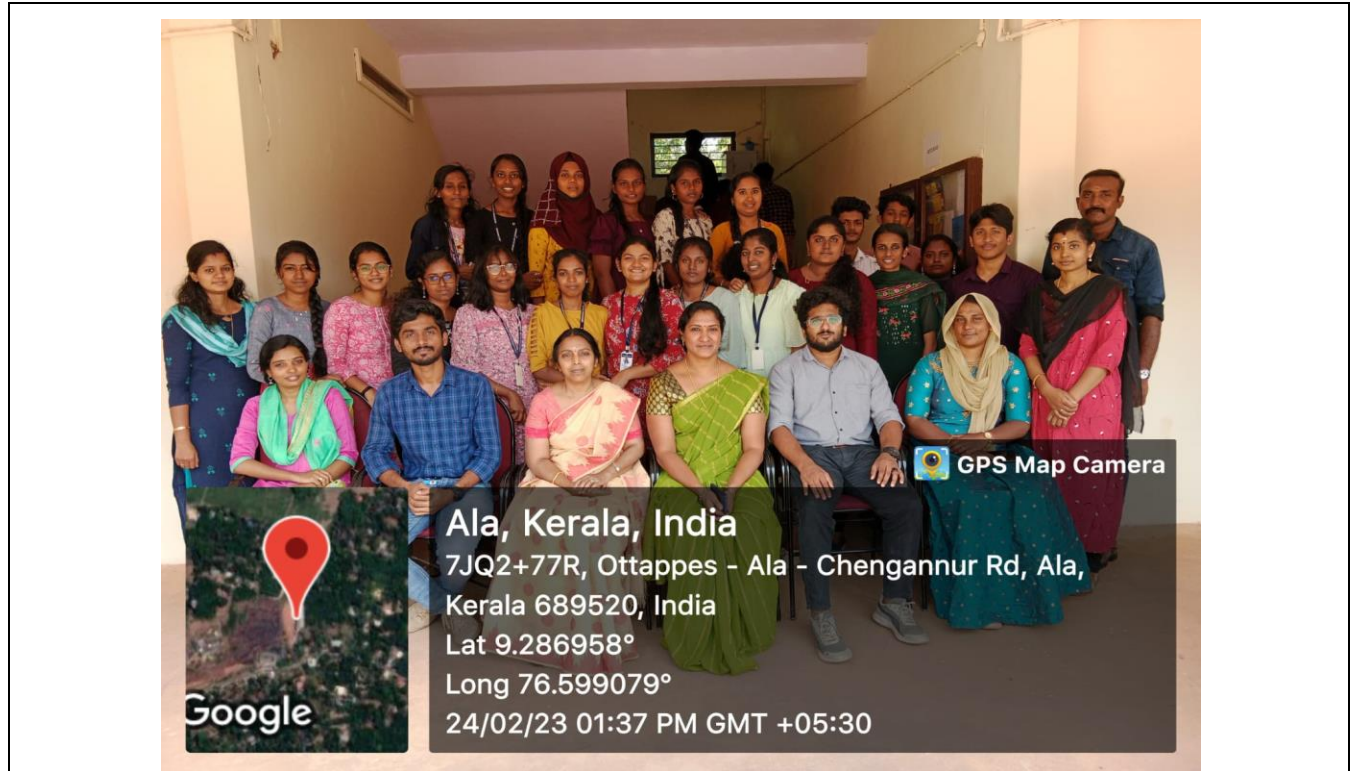
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PRINCIPAL
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 CHENGANNUR

Signature of Teacher

Signature of HOD

PHOTOGRAPHS



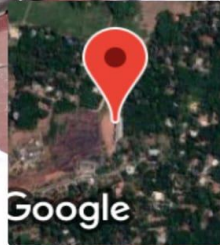
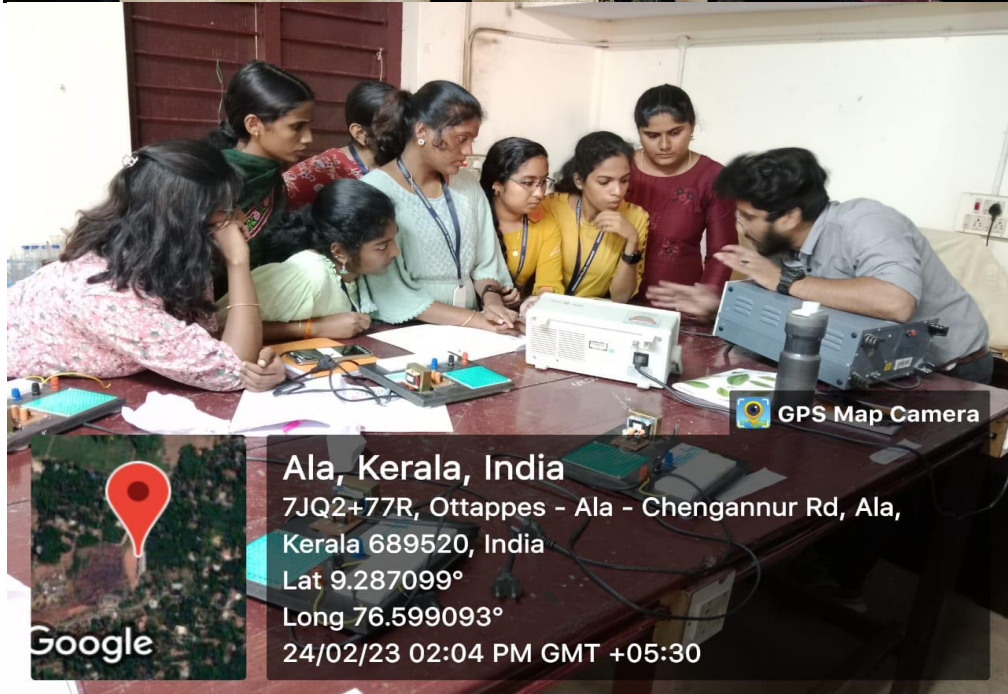
PARTICIPANTS OF CERTIFICATE COURSE



THEORY SECTIONS



PRACTICAL SESSIONS



Google

Ala, Kerala, India

7JQ2+77R, Ottappes - Ala - Chengannur Rd, Ala,

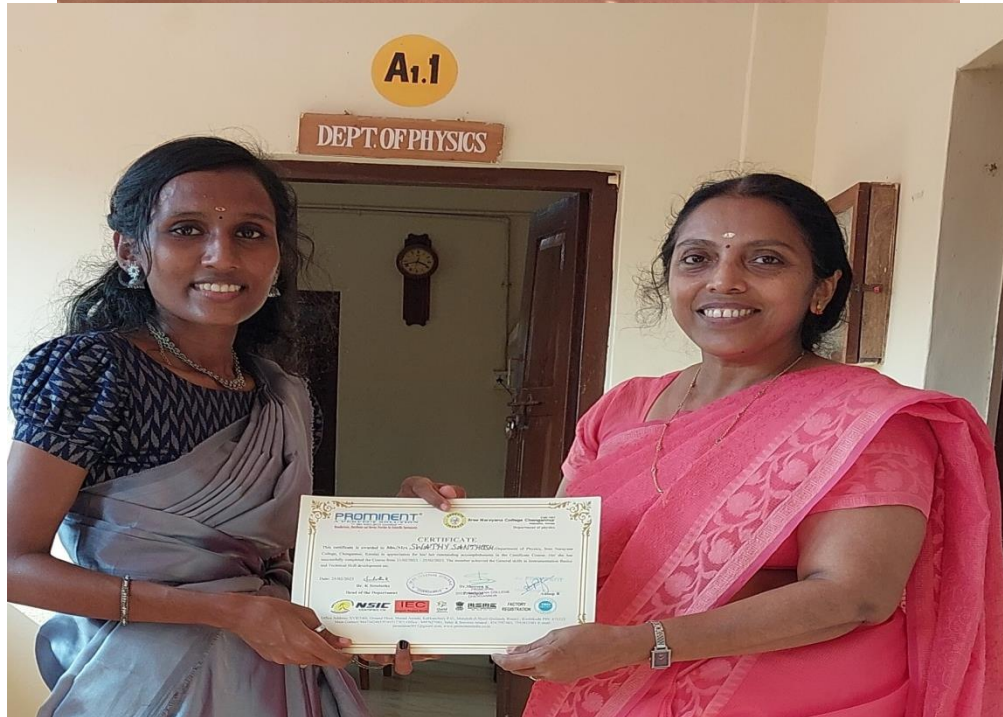
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Long 76.599093°

24/02/23 02:04 PM GMT +05:30

CERTIFICATE DISTRIBUTION BY HOD, DR.K SREELATHA

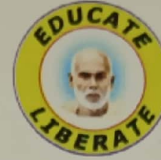


CONCLUSION OF THE COURSE



A handwritten signature in green ink, likely belonging to the Principal of Sree Narayana College, Chengannur.

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CHENGANNUR



CERTIFICATE

This certificate is awarded to **Mr./Mrs.....**(Department of Physics, Sree Narayana College, Chengannur, Kerala) in appreciation for his/ her outstanding accomplishments in the Certificate Course. He/ she has successfully completed the Course from 21/02/2023 – 25/02/2023. The member achieved the General skills in Instrumentation Basics and Technical Skill development etc.

Date: 25/02/2023



Sreelatha K
Dr. K Sreelatha

Head of the Department

Dr. Shereen K

Principal

For **PROMINENT**

Trading Partner

Anoop R



NSIC
CERTIFIED CO.



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु व मध्यम उद्यम

**FACTORY
REGISTRATION**



Office Address: XVII/540J, Ground Floor, Manad Arcade, Kakkanchery P.O., Mundoth (Ulliyeri-Quilandy Route) ; Kozhikode PIN: 673323

Main Contact: 9447342483/9745517787; Office : 9497627081, Sales & Services related : 8547597483, 7593833501 E-mail:

prominent2011@gmail.com; www.prominentindia.co.in