



**GOVERNMENT COLLEGE MOKERI**  
DEPARTMENT OF CHEMISTRY

**WEBINAR I**

**GOVERNMENT COLLEGE MOKERI**  
Department of Chemistry



**NATIONAL WEBINAR SERIES ON**  
**CAREER OPTIONS &**  
**RECENT TRENDS IN CHEMISTRY**

Date: August 6 2021 (Friday)      Time: 9.45 am  
Platform : Google meet

**INAUGURATION BY**

**INAUGURAL LECTURE**  
**Career and Research Opportunities**  
**In Chemistry**



*by*  
**DR. SURENDRAN PARAMBATH**  
Assistant Professor of Chemistry  
Sree Neelakanda Govt.sanskrit College,  
Pattambi, Palakkad



**DR. PREETHA B**  
HOD Chemistry  
Govt. College Madappally

**GUIDANCE FOR**

- JOB OPPORTUNITIES OF CHEMISTRY AFTER UG AND PG
- HIGHER STUDIES AFTER PG AND PH.D
- PH.D AND PDF ABROAD



Scan QR  
to Join



For Registration  
<https://forms.gle/fMYvsjU3MZF4nnba9>

**Dr. YOOSAPH A.K**  
Principal

**Sajeesh Kumar V.K**  
HOD, Coordinator  
9746244060



# GOVERNMENT COLLEGE MOKERI

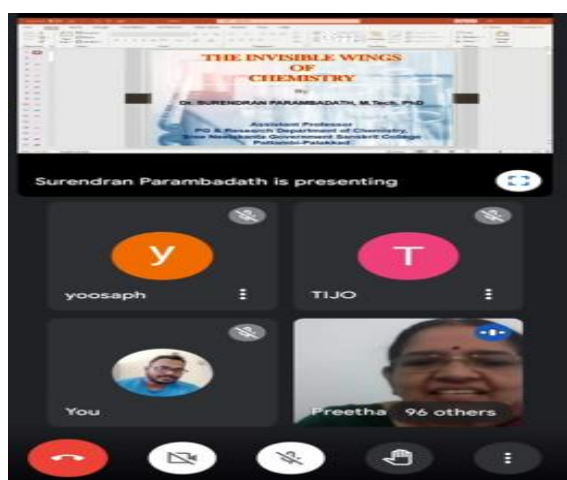
## DEPARTMENT OF CHEMISTRY

### CAREER & RESEARCH OPPORTUNITIES IN CHEMISTRY

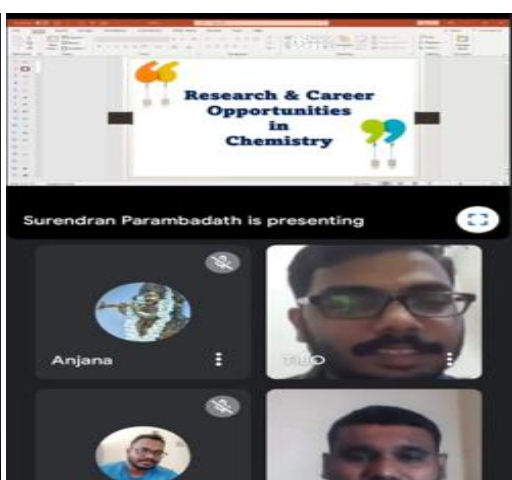
In association with the anniversary celebration, a national webinar series on “ CAREER OPTIONS & RECENT TRENDS IN CHEMISTRY “ conducted by the Department of Chemistry at Govt. college Mokeri using Google meet on 6 August 2021. The inauguration function started at 9.45 am with a prayer song, followed by welcome speech by Sajeesh Kumar V K, coordinator of the webinar. The inauguration of webinar series was done by the guest of honour Dr. Preetha B (HOD of chemistry, Govt. college Madappalli). In the inaugural address, she gave an account of new dimensions of chemistry. The principal Dr.Yousaf A K, Govt. College Mokeri, gave felicitations and discussed the importance of doctoral degree. There were teachers and students from nearby colleges. About 100 students and faculties are participated in it. The webinar was intended to give an insight into the recent trends in chemistry and inspire the young minds into the research field.

The lecture session started with Dr SurendranParambath, Assistant professor of chemistry, SreeNeelakanta Govt. Sanskrit College Pattambi. He dealt with various career options and mainly focused on research opportunities in chemistry. There are more opportunities inside and outside India. He explained about the foreign countries which are famous for welcoming international students and providing fellowships. He made a glimpse on the famous university campuses and students are highly inspired. Also he discussed the major career opportunities in various area of chemistry. He promised that, he would give support to the students who have interest in various research field.

The objective of the webinar was achieved. The overall session discussion benefited to the faculties and students. This webinar would help the participants to select a better career and help to do their implementation in research work.



Inaugural Session


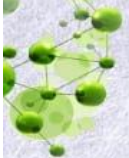


Talk by Dr. Surendran Parambath



**GOVERNMENT COLLEGE MOKERI**  
DEPARTMENT OF CHEMISTRY

**WEBINAR II**




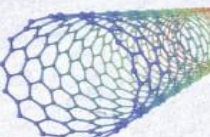
**GOVERNMENT COLLEGE MOKERI**  
Department of Chemistry

NATIONAL WEBINAR SERIES ON

**CAREER OPTIONS &  
RECENT TRENDS IN CHEMISTRY**

**CLASS 2**

**NANO: The Spectacular Science  
of the Very Small**



**DR. RAMYA K**  
Assistant Professor  
PG Department of Chemistry  
St. Joseph's College for Women, Alappuzha

**Date: August 16 2021 ( Monday)      Time: 10:30 am**  
**Platform: Google Meet**

For Registration      Dr. Yoosaph A K      Sajeesh Kumar V K  
<https://forms.gle/TMYvsjU3MZF4nnba9>      Principal      HOD, Coordinator  
9746244060



# GOVERNMENT COLLEGE MOKERI

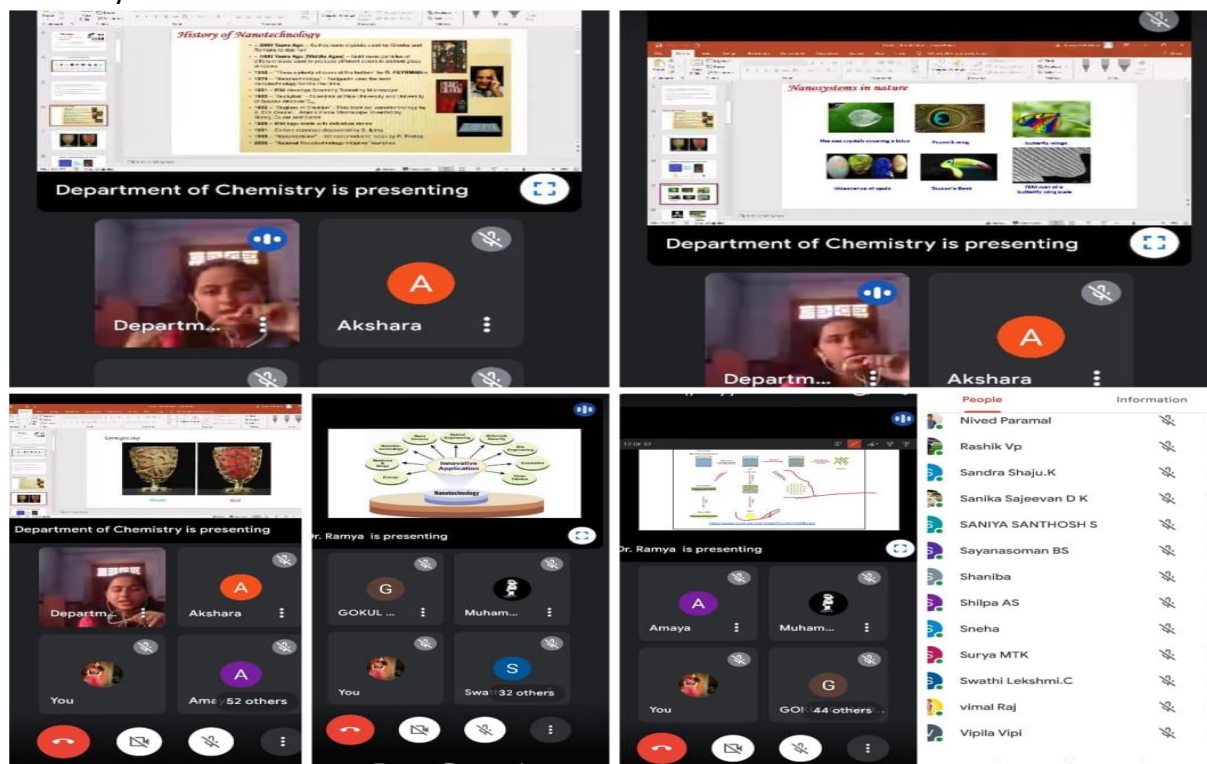
## DEPARTMENT OF CHEMISTRY

### NANO : THE SPECTACULAR SCIENCE OF VERY SMALL

The second lecture of webinar series on “Nano : Spectacular science of the very small” handled by Dr. Ramya K (Assistant Professor, PG Department of Chemistry, St. Joseph college for women Alappuzha) conducted by the Department of Chemistry at Govt. college Mokeri using Google meet on 16 August 2021. More than 40 students attended the webinar. Nano particle has a wide variety of applications nowadays. This webinar was introduced a new branch of chemistry in to the students.

Dr Ramya K presented the keynote address on Nanomaterials and its wide applications. Everything included in the slides and cited examples which made things clear. Nano chemistry gained prominence in technological advancements due to their tuneable, physical, chemical and biological properties over their bulk counterparts. She discussed the increased growth of production of nano materials and their industrial applications. She explained its applications through pictorial representations in Nano shells, in cancer therapy, etc. She gave a theoretical explanation for the preparation of nanomaterials, that is, Top Down method and Bottom Up method. She inspired the audience by lovely interaction.

The objective of the webinar was achieved. The overall session discussion benefited to the faculties and students. This webinar would help the participants to know a new area of chemistry.



Talk by Dr Ramya K



**GOVERNMENT COLLEGE MOKERI**  
DEPARTMENT OF CHEMISTRY

**WEBINAR III**



**GOVERNMENT COLLEGE MOKERI**  
Department of Chemistry

NATIONAL WEBINAR SERIES ON

**CAREER OPTIONS &  
RECENT TRENDS IN CHEMISTRY**

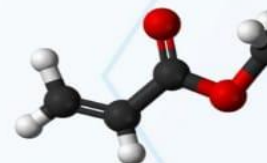
**CLASS 3**

**POLYMERS: Future Directions**



**DR. KUMARI NISHA S**

Assistant Professor  
PG Department of Chemistry  
St. Joseph's College for Women, Alappuzha



**Date: August 18 2021 ( Wednesday)**

**Time: 10:30 am**

**Platform: Google Meet**

**For Registration**

<https://forms.gle/fMYvsjU3MZF4nnba9>

**Dr. Yoosaph A K**  
Principal

**Sajeesh Kumar V K**  
HOD, Coordinator  
9746244060



# GOVERNMENT COLLEGE MOKERI

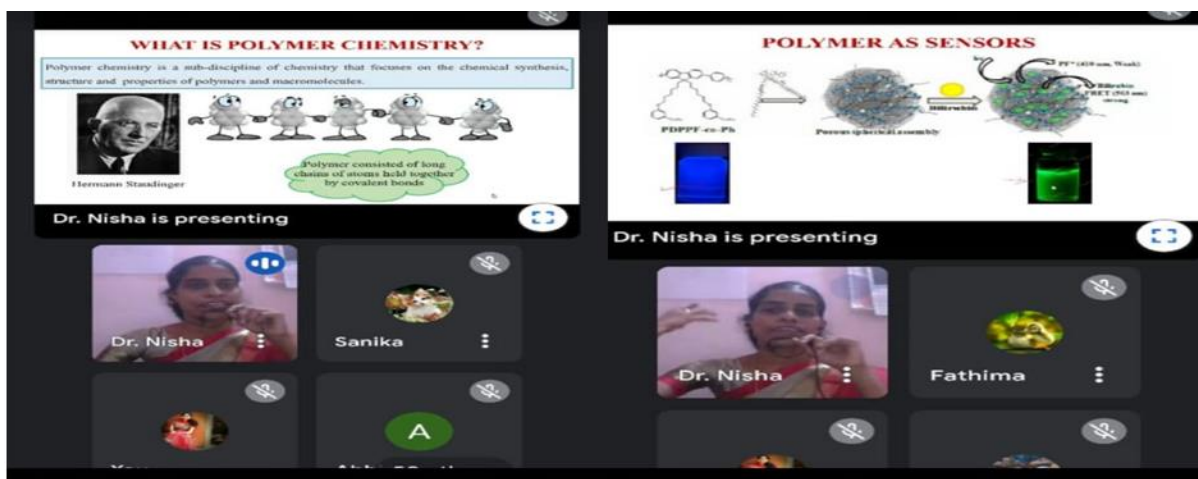
## DEPARTMENT OF CHEMISTRY

### POLYMERS : FUTURE DIRECTIONS

The third lecture of webinar series on “POLYMERS: Future Directions” handled by Dr.Kumari Nisha S (Assistant Professor, PG Department of Chemistry, St. Joseph college for women Alappuzha) conducted by the Department of Chemistry at Govt. college Mokeri using Google meet on 18 August 2021. More than 40 students attended the webinar. Polymers has a wide variety of applications nowadays. This webinar was introduced a new branch of chemistry in to the students.

The lecture was by Dr.Kumari Nisha S (Assistant Professor, PG Department of Chemistry, St. Joseph college for women Alappuzha) on polymer chemistry. Polymer chemistry is a sub discipline of chemistry that focuses on the structures of chemicals, chemical synthesis, and chemical and physical properties of polymers. Polymer chemistry is the study of synthesis, characterization and properties of macromolecules. She discussed the chemistry of polymers at basic level which included classification, formation and its physical and chemical properties. Then she introduced various applications of polymers in our daily life. And also she discussed the scope of the polymer chemistry and focused on main research areas in polymer chemistry. She gave an idea about polymer sensors, polymer implants, antibacterial food packaging, solar cells and the role of antibacterial and antiviral polymer towards COVID-19 like pandemic.

The objective of the webinar was achieved. The overall session discussion benefited to the faculties and students. This webinar would help the participants to know about polymer chemistry and its applications.

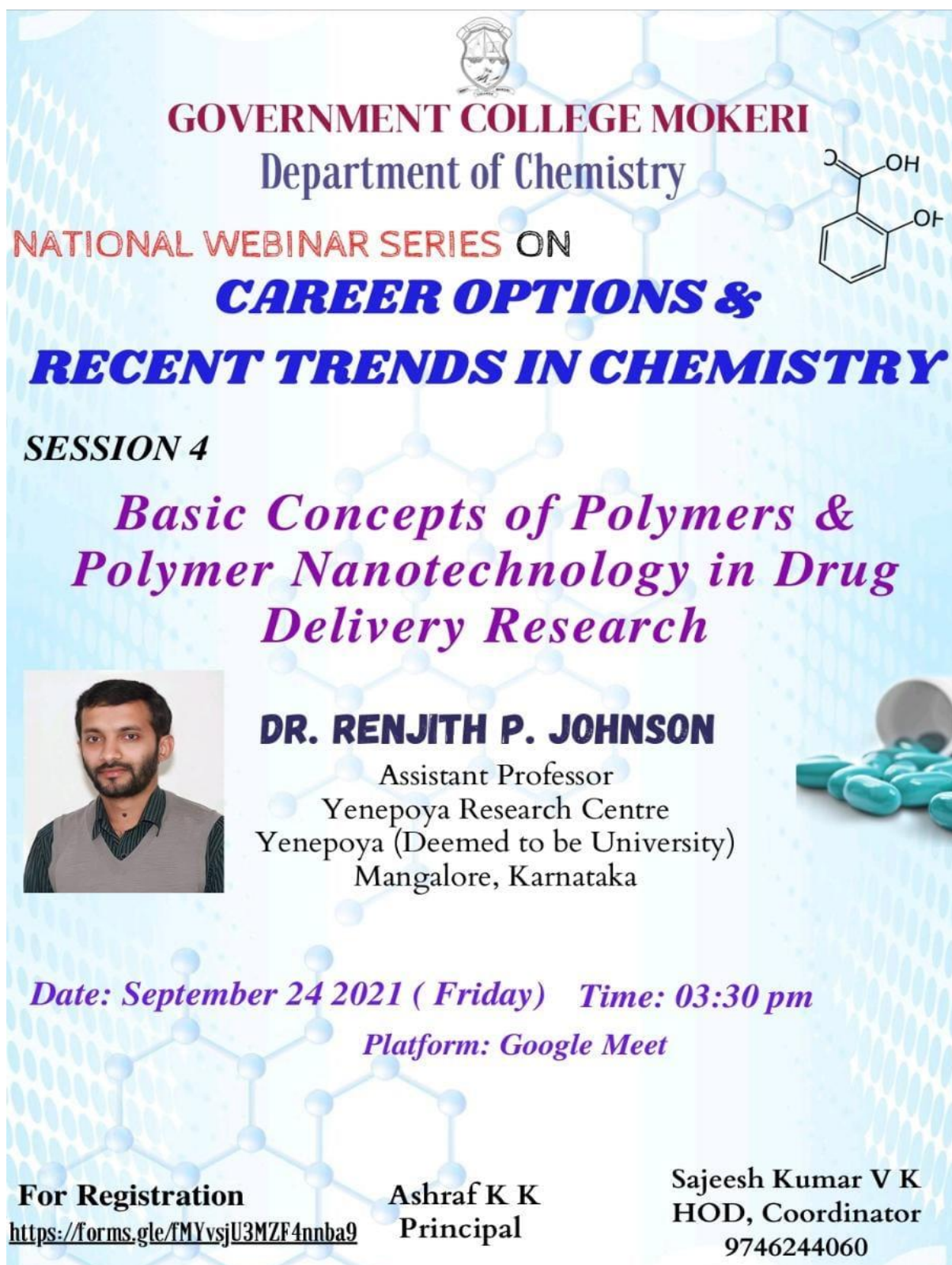



Talk by Dr Kumari Nisha S



**GOVERNMENT COLLEGE MOKERI**  
DEPARTMENT OF CHEMISTRY

**WEBINAR IV**




  
**GOVERNMENT COLLEGE Mokeri**  
Department of Chemistry

**NATIONAL WEBINAR SERIES ON**  
**CAREER OPTIONS &**  
**RECENT TRENDS IN CHEMISTRY**

*SESSION 4*

*Basic Concepts of Polymers &  
Polymer Nanotechnology in Drug  
Delivery Research*


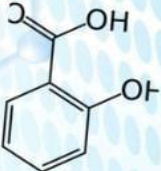
  
**DR. RENJITH P. JOHNSON**  
Assistant Professor  
Yenepoya Research Centre  
Yenepoya (Deemed to be University)  
Mangalore, Karnataka

*Date: September 24 2021 ( Friday) Time: 03:30 pm*  
*Platform: Google Meet*

**For Registration**  
<https://forms.gle/FMYvsjU3MZF4nnba9>

**Ashraf K K**  
Principal

**Sajeesh Kumar V K**  
HOD, Coordinator  
9746244060





# GOVERNMENT COLLEGE MOKERI

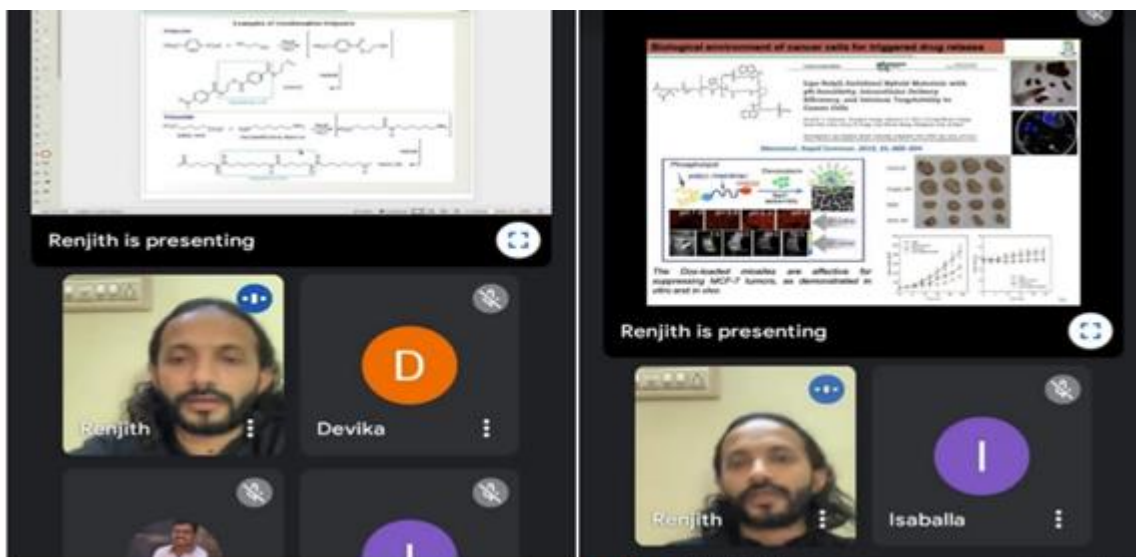
## DEPARTMENT OF CHEMISTRY

### BASIC CONCEPTS OF POLYMERS & POLYMER NANOTECHNOLOGY IN DRUG DELIVERY RESEARCH

The Final day of webinar series was handled by Dr.Renjith P Johnson (Assistant Professor, Yenepoya Research Centre, Manglore) on Basic Concepts of Polymers & Polymer Nanotechnology in Drug Delivery Research conducted by the Department of Chemistry at Govt. College Mokeri using Google meet on 24 September 2021. More than 50 students attended the webinar.

The scientific session started with the keynote address by Dr.Renjith P Johnson (Assistant Professor, Yenepoya Research Centre, Manglore) on Basic Concepts of Polymers & Polymer Nanotechnology in Drug Delivery Research. The term Nano medicine refers to the application of nanotechnology to diagnosis and treatment of diseases. It deals with the interactions of nanomaterials or analytical nanodevices with living human materials (cells, tissue, body fluids). It is an extremely large field ranging from in vivo and in vitro diagnostics to therapy including targeted delivery and regenerative medicine. He discussed the concepts of clever drug targeting system includes the coordinating behaviour of three components: the targeting moiety, the carrier and the therapeutic drug. He inspired the students by showing his academic journey.

The objective of the webinar was achieved. The overall session discussion benefited to the faculties and students. This webinar would help the participants to select a better career and help to do their implementation in research work.



Talk by Dr Renjith P Johnson