

INVITATION

The Department of Chemistry, Govt. College Chittur welcomes you to the National Seminar entitled "National Seminar on Recent Trends in Materials Science (NSRTMS-2019)" to be held during 5th-6th December 2019, at Govt. College Chittur. We cordially invite all the participants who are interested in sharing their knowledge and ideas in the pertaining area of scientific study. This will provide an excellent opportunity to students and researchers of the region to meet and interact with scientists of eminence. Material science is an interdisciplinary research field that addresses many scientific challenges, in areas such as environment protection, drug discovery and sustainable development, etc. Therefore researchers who are working in different areas of botany, zoology, physics, geography, geology or any other area, who find this seminar appropriate for presenting some of their works are welcome to participate in the Seminar.

PROGRAMME

The programme of the seminar will include invited papers, oral and poster presentations by faculty scientists and research scholars. Lectures by eminent scientists will be an important feature of the Seminar.

In order to encourage research scholars/ young scientists towards academic participation, the following initiatives are taken

- A few selected research scholars will be given an opportunity to give oral presentation.
- Best Oral and Poster presentations will be awarded.

REGISTRATION

For registration please contact:

Dr. Sarada Karanganadan

Coordinator & Asst Professor

Dept. of Chemistry

Govt. College Chittur

Palakkad - 676104

Ph. +91 - 9833438312

PROCEDURE FOR REGISTRATION

In order to participate in the Seminar, registration can be done in prescribed format (MS Word) by sending as attachment in an e-mail to chemgocollchittur@gmail.com

- Name
- Designation
- Name of Institute
- Address
- Mobile No
- E-mail
- Title of the paper (for paper presenter)
- Accommodation required(Y/N)

ACCOMMODATION

Need-based accommodation will be made available in the College Hostel.

SUBMISSION OF ABSTRACT

The abstract may be sent as an email attachment to chemgocollchittur@gmail.com. Hard copy of abstract is not required.

Format for Abstract

Should be created in MS Word using Times new roman font. The abstract should be within 200 words.

Title (14 pt., bold, centered), Text (12 pt. and 1.5 line spacing).

The recommended poster size shall be 120 x 100cm

The selected full papers will be published in the seminar proceedings abstract book with ISBN number.

IMPORTANT DATES

Submission of Abstract: 25/11/2019

Submission of Full paper (soft copy): 04/12/2019

ORGANIZING COMMITTEE

Chairperson **Dr. N Veeramaniandhan**
Principal, Govt. College Chittur

Head of the Dept. **L.T. Dr. Piyajal G**
Asst. Professor
Syndicate Member,
University of Calicut

Coordinator **Dr. Sarada Karanganadan**
Asst. Professor

Teaching Faculty

Dr. Nicholas K.M (Asst. Professor)
Smt. Saranya K.P (Asst. Professor)
Smt. Salini F. (Asst. Lecturer)

Non-Teaching Staff

Joisen K V
Ramesh P B

ABOUT THE COLLEGE AND DEPARTMENT

Govt. College Chittur is established in 1947, spread over 47 acres on the slopes of green and beautiful Sokanasseri. The heritage campus inhabited by above 300 species of Fauna and 5000 species of Flora. The college is running under collegiate Education Department, Govt. of Kerala and is affiliated to University of Calicut. It is a special grade college accredited with 'A' grade by NAAC. It provides 14 undergraduate, 7 postgraduate and 5 Research departments in Science, Arts and Commerce.

Dept. of Chemistry started its journey way back in the year 1957, with B. Sc (H). It is one of the finest departments of the college. It has a rich alumni who are well established in different spheres of life.

HOW TO REACH

Govt. College Chittur is situated a distance of 20 Km from Palakkad town. The nearest railway station is Palakkad junction situated at Olavakkode. From Olavakkode, one has to reach stadium stand to board the bus going to Anikode. From Anikode, one has to direct bus services to Chittur College.

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PROGRAMME SCHEDULE

Day 1- 05/12/2019
09.00 AM - 9.30 AM

2.00 PM- 5.00 PM: SESSION-II

Invited Lecture

Dr. N. K. RENUKA
Assoc. Professor, Dept. of Chemistry
University of Calicut

"Graphene for water
Remediation"

DAY- 2, 06/12/2019 10.00 AM- 1.00 PM: SESSION-III

Invited Lecture

Dr. PRADEEPAN PERIYAT
Asst. Professor, Dept. of Chemistry
University of Calicut

"Black TiO₂ Nanomaterials -
Synthesis, Characterization
and Applications"

01.00 PM - 02.00 PM:

LUNCH BREAK

2.00 PM- 3.15 PM: SESSION-IV

Invited Lecture

Dr. BINITHA N.N.
Asst. Professor, Dept. of Chemistry
Sree Neelakanda Govt. Sanskrit
College, Pattambi

"Graphene based Smart
Materials for Sensor
Applications"

03.30 PM - 04.30 PM

PAPER PRESENTATIONS

4.30 PM

VALEDICTORY SESSION

Feedback collection
Prize distribution and
Certificate distribution

9.30 AM

REGISTRATION

INAGURAL SESSION

**WELCOME
ADDRESS**

LT. Dr. RIJULAL G
(Asst. professor & Syndicate Member,
University of Calicut)

**PRESIDENTIAL
ADDRESS**

Dr. N VEERAMANIKANDAN
Principal
Govt. College Chittur

INAGURATION

Dr. A. SEEMA
Scientist, Centre for Materials for
Electronics Technology (C-MET)
(Recipient of "NanShakthi Puraskar"
Highest Civilian Honor for Women in
India)

FELICITATION

Dr. SHINELALE
IQAC Coordinator
Govt. College Chittur

Dr. RICHARD SCARIA
PTA Secretary
Govt. College Chittur

**VOTE OF
THANKS**

Dr. SARADA KARANGADAN
Coordinator & Asst. professor
Dept. of chemistry
Govt. College Chittur

DAY- 1, 05/12/2019 10.00 AM- 1.00 PM: SESSION-I

Invited Lecture

Dr. A. SEEMA
Scientist (C-MET) Trissur

"Sensors - Challenges and
Innovations"

LUNCH BREAK



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NSRTMS-2019

**NATIONAL SEMINAR
ON**

**RECENT TRENDS IN MATERIALS SCIENCE
(NSRTMS-2019)**

5th - 6th December, 2019



Organized by

**DEPARTMENT OF CHEMISTRY
GOVT. COLLEGE CHITTUR
PALAKKAD**

Sponsored By
Directorate of Collegiate Education
Govt. of Kerala

Venue

**MUSIC CONCERT HALL
Govt. College Chittur**



REPORT

NATIONAL SEMINAR ON RECENT TRENDS IN MATERIALS SCIENCE (NSRTMS-2019), 5th - 6th December, 2019

The Department of Chemistry, Govt. College Chittur, organized a National Seminar entitled "National Seminar on Recent Trends in Materials Science (NSRTMS-2019)" during 5th-6th December 2019. The two days long meeting started on 5th morning with the inaugural ceremony at the music concert hall where the honorable principal of the college Dr. N Veeramanikandan presided over the proceedings. The meeting started with a welcome note by the LT. Dr. Rijulal G (H.O.D, Dept. of Chemistry & Syndicate Member, University of Calicut) followed by the presidential address of Dr. N Veeramanikandan. The formal inauguration of NSRTMS-2019 was done by the guest of honour Dr. A SEEMA, Scientist, Centre for Materials for Electronics Technology (C-MET) who is the recipient of "NariShakthi Puraskar" Highest Civilian Honor for Women in India in 2019, by lighting the traditional lamp. In the brief inaugural address Dr. Seema stressed on the need and relevance of new and smart materials - the main theme of the seminar. Dr. Richard Scaria, PTA Secretary (Asst. Prof. in Geography) and Mr. Shabir, college union chairman gave felicitations and the meeting concluded with the vote of thanks by the programme coordinator Dr. Sarada Karangadan.



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The scientific session started with the keynote address by Dr. A SEEMA on the topic "Sensors - Challenges and Innovations". Dr. SEEMA in her exemplary and vibrant way of presentation gave a detailed account of the emerging trends in material science. She explained the thermal sensor based screening devices for early detection and screening of breast cancer. (This method ensures privacy, is painless and portable and takes only 30 minutes to give results. Also, it is a much cheaper method than a digital mammogram. This low-cost device has a potential to revolutionize the screening of breast cancer in India). Also the possibility of more such findings and the challenges faced during the inventions. The lecture was followed by an interactive session where the participants actively contributed.



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The afternoon session was started with the invited talk by Dr. N K Renuka Assoc. Professor, Dept. of Chemistry, University of Calicut, titled "Graphene for water Remediation". She explained the tunability of graphene, which can act as an optical sensor for detecting heavy metal ions in drinking water. The opening day was then concluded with an interactive session.



The final day of the seminar opened with the much awaited plenary talk by Dr. Pradeepan Periyat, Asst. Professor, Dept. of Chemistry, University of Calicut on the topic "Black TiO_2 Nanomaterials - Synthesis, Characterization and Applications". In his well-crafted lecture, he categorically explained how one can synthesize nanomaterials with tunable properties. His lecture created positive interactions. Post lunch session started with the invited lecture by Dr. BINITHA N.N, Asst. Professor, Dept. of Chemistry, Sree Neelakanda Govt. Sanskrit College, Pattambi, covering active research areas of Graphene based Smart Materials for Sensor Applications.



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The last session of the ending day was the contributory oral presentations by the young researchers and faculty members. Followed by the oral presentation, a poster presentation session was conducted. Dr. Sreenivasan K. P Asst. Prof. in Chemistry, MES College, Mannarkkad and Mrs. Memcy C.K, Asst. Prof. in Chemistry, Mercy College, Palakkad were the winners of oral and poster presentation respectively. The two-day seminar NSRTMS-2019 came to an end with a brief valedictory function where Mrs. Saranya K.P, Asst. Prof in Chemistry, Govt. College Chittur delivered the valedictory notes. The prizes for the best oral and poster presentations were given away in the function.









GOVERNMENT COLLEGE CHITTUR, PALAKKAD
DEPARTMENT OF CHEMISTRY

Collegiate Education, Govt. Of Kerala Sponsored Two Day National Seminar- NSRTMS- 2019
"National Seminar on Recent Trends in Materials Science" (05th -06th December 2019)

REGISTRATION (Invitees)

Sl. No.	Name and Designation and address	Mobile No. & Email ID	Signature
1.	Dr Seema. A , Scientist -D		
2.	Dr. Genuka N.K, Associate Professor, Dept. of Chemistry, Govt. College Palakkad		
3.	Dr. Binitha. N.N, Asst. Professor Dept. of Chemistry, Sreevals College Palakkad		
4.	Dr. Praadeepan Parvath Assistant Professor, Dept. of Chemistry, University of Calicut		



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05/12/2019 Attendance- Day 1 (Faculty)

Sl. No.	Name	Signature	
		Session FN	Session AN
1.	Taniya Antony		
2	Memsy.c.k		
3	Ambily Jacob k		
4	Dr. Sandeep k		
5	Dr. Shariba.C.P		
6	Tuliza. A.P		
7.	Sangeetha.k.s		
8.	Bhrajesh.n.s		
9	Jyothi.k.k		
10.	Subha Snu.v		
12	Moham.		
13.	Dr.Simna.v		
14	Dr.Sujata Nair		
15	Dr. C. Bindu		
16	Sindhu.s		
17.	Nishamol M S		
18.	Dr. Anjana V.R.		
19.	Dr. Geetha.H.		
20	ROOBINA.A		



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Sl. No.	Name	Signature	
		Session 1	Session 2
21	Suresh P		
22	Vishankabi M		
23	Dr. G. Methulakshmi		
24	Dr. S. Fathima		
25	Dr. Mohammed Mustafa TN		
26	Dr. Lakshmi Praya		
27	Dr. Rajesh		
28	Asha		
29	Dr. Shenuja mal HN		
30	Dr. AMBILI T		
31	Saranya K.P		
32	Salini F		
33	H. Dr. Rijulal G.		
34	Shanya R		
35	Masra Madhava Balambornu V		
36	Indhu R		
37	Dr. Richard Sami		
38	Pankajakshan P		
39	Suresh. Ak.		



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Collegiate Education, Govt. Of Kerala Sponsored Two Day National Seminar- NSRTMS- 2019
"National Seminar on Recent Trends in Materials Science" (05th -0 6th December 2019)

05/12/2019 Attendance- Day 2 (Faculty)

Sl. No.	Name	Signature	
		Session FN	Session AN
1.	Ambily Jacob K		
2.	Paniya Antony		
3.	Mamsy C.K		
4.	Dr. Sandeep K		
5.	Dr. Greenivasan K.P.		
6.	Dr. Mohammed Mosthafa TN		
7.	Dr. Shariba C.P		
8.	Jalya A ?		
9.	Jalya Sangeetha K C		
10.	Brejerh. N.J		
11.	Jyothi K K		
12.	Sulsha Sru.v		
13.	Mohanan P		
14.	Dr. Simme V		
15.	Dr. Sujata Nair		
16.	Dr. C Bindu		
17.	Sindhu S		
18.	Nishamol M S		
19.	Dr. Arjana V.R.		



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Sl. No.	Name	Signature	
		Session 1	Session 2
20.	Dr. Gultu. H.		
21	ROOBINA. A		
22	Suresh. P		
23	Vishnu Kabi. M		
24.	Dr. S. Fathima		
25.	Dr. G. Muthulakshmi		
26	Dr. Lakshminipriya		
27	Dr. Rajesh		
28	Asha		
29	Dr. Shenuja mo/HAN		
30.	Dr. AMBILI. T		
31	Saranga. KP		
32	Sahini. F		
33.	H. Dr. Rijulal. G		
34.	Shanya. R		
35	Balasubramanian. V		
36	Indhu. R		
37	Dr. Richard Scania		
38.	Pankajakshan. P		
39.	Suresh. Ak.		



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Sl. No.	Name	Signature	
		Session 1	Session 2
40	Dr. Prasia P.		
41	Mary Shalut T.S.		
42	Dr. Sarada Karamgedas		



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DEPARTMENT OF CHEMISTRY

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 "National Seminar on Recent Trends in Materials Science" (05th -06th December 2019)

REGISTRATION (Faculty)

Sl. No.	Name and Designation and address	Mobile No. & Email ID	Signature
1	Smelhu. R Dept. of Commerce	8089527269.	
2	Dr. Prasia P. Asst. Prof in Physics.	prasiapankunni@gmail.com	
3	Dr. Shaniba . C.P Asst. Professor in Chemistry. M.E.S. Kalladi College, Mannarkkad	shaniabamed@gmail.com 9895229948	
4	Julija . A.P Asst. Professor. Chemistry MES Kalladi College, Mannarkkad	juliyashin@gmail.com 8547476721	
5	Ambily Jacob K. Assistant Professor Mercy College, Palakkad	9446871150 ambilyk@gmail.com	
6	Memsy C.K Assistant Professor, Mercy College, Palakkad	9400541093 memsyjoseph12@gmail.com	
7	Tanuja Antony, Assistant Professor Mercy College, Palakkad.	9495597514 tanujapaloy09@gmail.com	
8	Dr. Greeni yasan K.P. Asst. Professor, Dept. of Chemistry MES Kalladi college Mannarkkad	9947153498 greeni chem@gmail.com	
9	Sangeetha .k.G Asst. Professor Zamath's Vasanthavayappan college	9946387359 sangstkg@gmail.com	
10	Jayanta Khejesh. N Asst. Professor, Dept Economics Govt college Chittur.	947094952	











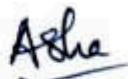






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Sl. No.	Name and Designation and address	Mobile No. & Email id	Signature
11	Jyothi k.k Asst. Professor U.C.C.	9745474254	
12	Sulsha Sree V Asst. Prof. U.C.C.	91495339809	
13	Dr. Simma V Asst. Professor, Philosophy U.C.C.	9400469068	
14	Mohanan P Asst. Prof.	8281587883	
15	Dr. Sujala Nair Guest faculty. Dept of Philosophy U.C.C.	9847096883	
16	Dr. C. B. Nair Asst. prof, Philosophy, U.C.C.		
17	Sindhu S Asst. Prof - Electronics, U.C.C.	9947192469	
18	Nishamol M S Asst. prof of Electronics Govt. College Chittur	9497368525	
19	Dr. Anjana V.R. Asst. prof. Malayalam U.C.C.	9446635427	
20	Dr. Geetha H. Asst. prof Sanskrit Department	9746634315	
21	ROOBINA-A Geography Department	9496353253	













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Sl. No.	Name and Designation and address	Mobile No. & Email ID	Signature
22	Suresh P, Asst. Professor Cryptography	9605050201 Sureshpriid@gmail.com	
23	Vishnukebil . M	9400732854 vishnukebil.m@gmail.com	
24.	Dr. S. Fathima Asst. Prof of Tamil	9400334135 fathimasaja@gmail.com	
25.	Dr. G. Mulherakshmi Asst. Professor in Tamil	9497628109 mulherakshmi2010@gmail.com	
26.	Dr. Muhammed Musthafa. T Asst. prof, chemistry, Mamsukad MES College		
27.	Dr. Lakshmi periya. Asst. prof Mpmmsnt college Shornur		
28	Dr. Rajesh, Asst. prof Dept. of chemistry, SN college Atathur		
29.	Ms Asha. ps Asst. prof Dept of chemistry. mpmmsnt college Shornur		
30	Dr. Shenuja mol H N Asst. Professor Hindi	9539802957 shenujanishika@gmail.com	
31.	Dr. AMBILI . T Asst. Professor HINDI	7337605085	
32.	Saranya. k.p Asst. professor Dept. of chemistry Govt. college Chittur	Saranya Saranya @gmail.com 1400427018	



CHITTR

Sl. No.	Name and Designation and address	Mobile No. & Email ID	Signature
33.	Salini. F Guest lecturer, Chemistry Chittur Govt. College	8124053113 salini.francis555@gmail.com	
34	H. Dr. Rijulal. G HOD dept of chemistry Govt. College Chittur.	rijulal.g@gmail.com 9961550625	
35	Dhanya. R Asst. Professor, Music, Govt. College, Chittur.	dhanyar1981@gmail.com 9746475636	
36	Balambrammiah V Asst professor GCC	4895553714	
37	Dr. Richard Sami Asst. Prof. in English Govt. College Chittur	8281045413 richardsami2006@gmail.com	
38	Pankajakshan P Asst. Professor Dept. of Geography, GCC	9947713113 pankajchirayil@gmail.com	
39	Suresh. AK. Asst. Professor Dept of Psychology, GCC	9492595045 sureshpsyc@gmail.com	
40	Dr. Prasia P. Asst. Professor in Physics GCC.	9496234117 prasiapankunni@gmail.com	
41	Mary Shalee T.J. Asst. Professor in Mathematics G.C.C.	9447776568 mary-shalee@yahoo.co.in	
42	Dr. Sarada Karamanadan Asst. prof. Dept. A Govt. College Chittur	9188331656 Saradaprasad@gmail.com	
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