

Dr. ANOOP S. NAIR
Assistant Professor, NSS College, Nemmara

WORK EXPERIENCE

- Dissertation submitted to the University of Kerala in M.Sc. fourth semester titled - “STUDIES ON WHITE DAMMAR, THE OLEO-RESIN of *Vateria indica* Linn. (Dipterocarpaceae)” was related to phytochemistry and the project was carried out under the supervision and guidance of Dr. A. Hisham. The triterpene profile of the Oleo-resin of *Vateria indica* was studied as a part of the project. The compounds were characterized using IR, ¹H and ¹³C NMR spectral studies including DEPT- 45, DEPT- 90, and DEPT- 135 techniques. The project involved the isolation and characterization of 3-oxo-22-hydroxyhopane which has not yet been reported from the resin of the title plant.
- Dissertation to be submitted to the University of Kerala in M.Phil. second semester titled “Synthesis and Evaluation of a Novel Polymeric Micelle for the dual drug release of an antibiotic and an analgesic” is related to Polymer Chemistry and the project was carried out under the supervision and guidance of Dr. T.S.Anirudhan. A novel polymeric micelle was synthesized and was evaluated for its sustained delivery of a drug. The characterization of the synthesized material involved FT-IR, Tunneling Electron Microscopy (TEM), Dynamic Light Scattering (DLS), Anti bacterial studies, etc.
- Dissertation submitted to the University of Kerala for the award of PhD entitled “Preparation and Characterization of Stimuli Responsive Functionalized Polysaccharides for the Efficient and Controlled Release of Therapeutic Agents via Non-conventional Routes of Drug Administration” is related to Polymer Chemistry and Biomaterials, carried out under the supervision and guidance of Prof. Dr. T. S. Anirudhan.

LIST OF PUBLICATIONS

1. Anirudhan, T. S., **Anoop, S. Nair.**, Parvathy, J., Extended wear therapeutic contact lens fabricated from timolol imprinted carboxymethyl chitosan-g-hydroxy ethyl methacrylate-g-polyacrylamide as a onetime medication for glaucoma, *European Journal of Pharmaceutics and Biopharmaceutics*, (Elsevier),109, **2016**, 61-71.
2. Anirudhan, T. S., **Anoop, S. Nair.**, Syam, S. Nair., Enzyme coated beta-cyclodextrin for effective adsorption and glucose-responsive closed-loop insulin delivery, *International Journal of Biological Macromolecules*, (Elsevier),91, **2016**, 818-827.
3. Anirudhan, T. S., **Anoop, S. Nair.**, Sabari, J. Bino., Nanoparticle assisted solvent selective transdermal combination therapy of curcumin and 5-fluorouracil for efficient cancer treatment, *Carbohydrate Polymers*, (Elsevier), 173, **2017**, 131-142.
4. Anirudhan, T. S., **Anoop, S. Nair.**, Gopika, S. S., The role of biopolymer matrix films derived from carboxymethyl cellulose, sodium alginate and polyvinyl alcohol on the sustained transdermal release of diltiazem, *International Journal of Biological Macromolecules*, (Elsevier), 107, **2018**, 779–789.
5. Anirudhan, T. S., **Anoop, S. Nair.**, Temperature and ultrasound sensitive gatekeepers for the controlled release of chemotherapeutic drugs from mesoporous silica nanoparticles, *RSC Materials Chemistry B*, (RSC), **2018**, DOI: 10.1039/C7TB02292A (In Press).
6. Anirudhan, T. S., Parvathy, J., **Anoop, S. Nair.**, A novel composite matrix based on polymeric micelle and hydrogel as a drug carrier for the controlled release of dual drugs, *Carbohydrate Polymers*, (Elsevier),136, **2016**, 1118-1127.
7. Anirudhan, T. S., Parvathy, J., **Anoop, S. Nair.**, Evaluation of micellar architecture based on functionalized chitosan for the *in vitro* release of an antibiotic, *Designed Monomers and Polymers*, (Elsevier), 19, **2016**, 99-107.
8. Anirudhan, T. S., Syam, S. Nair., **Anoop, S. Nair.**, Fabrication of a bioadhesive transdermal device from chitosan and hyaluronic acid for the controlled release of lidocaine, *Carbohydrate Polymers*, (Elsevier),152, **2016**, 687-698.
9. Anirudhan, T. S., Deepa, J. R., **Anoop S. Nair.**, Fabrication of chemically modified graphene oxide/nano hydroxyapatite composite for adsorption and subsequent photocatalytic degradation of aureomycine hydrochloride, *Journal of Industrial and Engineering Chemistry*, (Elsevier), 47, **2017**, 415–430.
10. Anirudhan, T. S., **Anoop, S. Nair.**, Deepa, J. R., Silane modified chitosan for efficient loading and controlled transdermal release of diltiazem, *Journal of The Academy of Chemistry Teachers*, (ACT Publication), 2, **2016**, 10-13.
11. T. S. Anirudhan, R. Suriya, **Anoop S Nair**, Polymeric Micelle / Nano Hydrogel Composite Matrix as a Novel Multi-Drug Carrier, *Article Submitted to ACS Molecular Pharmaceutics*.

12. **Anoop S. Nair**, Faseela K, Archana S. Nair, Sooraj M P, Aswathy L B, Preparation and Characterization of a Novel Drug Carrier for the Controlled Release of Curcumin, Article Submitted to International Journal of Pharmaceutics Science & Research.

Book Chapters

1. Anirudhan, T. S., Parvathy, J., **Anoop S. Nair.**, Novel pH sensitive composite hydrogel based on functionalized starch/clay for the controlled release of amoxicillin, *Handbook of Composites from Renewable Materials*, (John Wiley & Sons), **8**, 2017.
2. Anirudhan, T. S., **Anoop S. Nair.**, Deepa, J. R., Chitosan grafted copolymers for drug delivery applications, *Biopolymer Grafting*, (Elsevier), **2016**, *In press*.

Presentations & Achievements

1. T. S. Anirudhan, J. Parvathy, **Anoop S.Nair**, Divya P.L, Nima J, Sheeba Alexander “Cell Proliferation and Controlled Release of Diltiazem Hydrochloride based on Chitosan-g-Oleic Acid and Montmorillonite Hybrids” at National Seminar on “Emerging Trends in Chemical Sciences (ETCS-2013)” organized by the Dept. of Chemistry, University of Kerala on May 2013. (Awarded Best Paper Prize)
2. T. S. Anirudhan, Divya P. L, Nima J, Parvathy J, **Anoop S.Nair** “Selective Binding and Controlled Release of Thiamine Hydrochloride Using Modified Montmorillonite Based Molecularly Imprinted Polymer” at National Seminar on “Emerging Trends in Chemical Sciences (ETCS-2013)” organized by the Dept. of Chemistry, University of Kerala on May 2013.
3. T. S. Anirudhan, J. Parvathy, **Anoop S.Nair** “Montmorillonite Semi Interpenetrating Polymer Network for the controlled release of Amoxicillin” at National Seminar on “Advances in Chemistry – Research and Opportunities” Sponsored by KSCSTE at All Saints College, Trivandrum on August 2013.
4. T. S. Anirudhan, **Anoop S. Nair**, J. Parvathy , Suriya Rahim “Evaluation of Chitosan-g-Oleic Acid based Polymeric Micelle for the Controlled Release of Cefixime trihydrate- A Third generation Cephalosporin” at National Seminar on “Advances in Chemistry – Research and Opportunities” Sponsored by KSCSTE at All Saints College, Trivandrum on August 2013.
T. S. Anirudhan, **Anoop S. Nair**, Binusree Jayan, Christa John “Novel Oleic Acid-g-Chitosan based Polymeric Micelle as drug carrier for the Controlled Release of Cefixime trihydrate- A

Third generation Cephalosporin” at “26th Kerala Science Congress” held at Kerala Veterinary and Animal Sciences university, Wayanad on January 2014.

5. T. S. Anirudhan, J. Parvathy, **Anoop S.Nair** “Evaluation of Multiple Drug Release Behaviour of Drugs from a Matrix involving Polymer Micelle of Oleic acid-g-Chitosan and Poly(ethylene glycol)- Poly(vinyl alcohol) Hydrogel” at National Seminar on “Emerging Trends in Polymeric Materials (ETPM 2014)” at Christian College, Chenganoor on January 2014. (Awarded Best Paper Prize)
6. T. S. Anirudhan, **Anoop S. Nair**, J. Parvathy “Cell Proliferation and Controlled Release of a Calcium Channel Blocker Using Functionalised Chitosan/Clay Composites” at National Seminar on “Emerging Trends in Polymeric Materials (ETPM 2014)” at Christian College, Chenganoor on January 2014.
7. T. S. Anirudhan, J. Parvathy, **Anoop S.Nair** “Synthesis and Characterization of a Dual drug delivery vehicle based on polymeric micelle/hydrogel composites” at “International Conference on Emerging Frontiers and Challenges in Chemistry (ICEFCC-2014)” at All Saints College, Trivandrum on February 2014.
8. T. S. Anirudhan, **Anoop S. Nair**, J. Parvathy “Design of Polymeric Architecture Based on Fatty Acid Grafted Chitosan and Montmorillonite Composites for the In vitro Release of Diltiazem Hydrochloride” at “International Conference on Emerging Frontiers and Challenges in Chemistry (ICEFCC-2014)” at All Saints College, Trivandrum on February 2014.
9. Anirudhan T. S, Binusreejayan, **Anoop S. Nair** “Synthesis and characterization of dextran based functionalized polymeric nanoparticles for the liver targeted delivery of curcumin” at “27th Kerala Science Congress” held at Alappuzha on January 2014.
10. T. S. Anirudhan, **Anoop. S. Nair**, Parvathy J “Characterization and Evaluation of Surface Morphology of a Molecularly Imprinted Therapeutic Contact Lens after Repeated Drug Loading and Delivery” at Advanced Materials and Characterization Techniques (AMCT 2015) organized by the Dept. of Physics, University of Kerala on March, 2015.
11. T. S. Anirudhan, Parvathy J, **Anoop. S. Nair** “Synthesis of a Spherical Micelle/Hydrogel Composite for the Controlled Release of Multiple drugs and their and Characterization Studies Using Electron Microscopy” at Advanced Materials and Characterization Techniques (AMCT 2015) organized by the Dept. of Physics, University of Kerala on March, 2015.

12. T. S. Anirudhan, **Anoop. S. Nair**, Syam. S. Nair, Deepa J. R “Extended Wear Therapeutic Contact Lens Derived from Biopolymers as a One-time Medication for Glaucoma” organized by the Centre for Biopolymer Science and Technology, Kochi held at Hotel Summit Suites, Kochi on October 2015.
13. T. S. Anirudhan, Syam. S. Nair, **Anoop. S. Nair**, Christa John, Shainy. F “Synthesis and Characterization of a Novel Amine Functionalized Hyaluronic Acid Reinforced Chitosan Based Films for Transdermal Drug Delivery” organized by the Centre for Biopolymer Science and Technology, Kochi held at Hotel Summit Suites, Kochi on October 2015.
14. T. S. Anirudhan, **Anoop. S. Nair**, Deepa J. R, Syam. S. Nair “Cost Effective Reusable Therapeutic Contact Lens as a Onetime Medication for Glaucoma” at “Polymer Conference for Young Researchers (PCYR 2015)” organized by the Society for Polymer Science, India, Thiruvananthapuram Chapter at NIIST, Trivandrum on December, 2015.
15. T. S. Anirudhan, J R Deepa, **Anoop S Nair**, Syam S Nair “Semi-Conductor Photocatalysis of Ciprofloxacin Hydrochloride from Aqueous Solutions by Nano Zinc Oxide Doped Graphene Oxide/Nano Cellulose Composite” at “Polymer Conference for Young Researchers (PCYR 2015)” organized by the Society for Polymer Science, India, Thiruvananthapuram Chapter at NIIST, Trivandrum on December, 2015.
16. T. S. Anirudhan, Syam S. Nair, Deepa J R, **Anoop S. Nair** “Transdermal Delivery of Lidocaine from Amine Functionalized Hyaluronic Acid Microsphere Dispersed Chitosan Film” at “Polymer Conference for Young Researchers (PCYR 2015)” organized by The Society for Polymer Science, India, Thiruvananthapuram Chapter at NIIST, Trivandrum on December, 2015.
17. T. S. Anirudhan, **Anoop S. Nair** “Therapeutic Contact Lens as a Solution for Glaucoma: Statistical and Chemical Perspectives” at “Multi-Disciplinary Annual Research Conference (MARC 2015)” organized by The Internal Quality Assurance Cell, University of Kerala at Dept. of Physics, University of Kerala on December, 2015.
18. T. S. Anirudhan, **Anoop S. Nair**, “Extended Wear Therapeutic Contact Lens Fabricated from Timolol Imprinted Chitosan Derivative as a Onetime Medication for Glaucoma” at 28th Kerala Science Congress held at University of Calicut, Thenhipalam on January 28-30, 2016.
19. T. S. Anirudhan, **S N Anoop**, J R Deepa, Binusreejayan, J Christa, S S Gopika, “Solvent Selective Transdermal Combination Therapy Using Biopolymer Derived Nanocomposites for

Efficient Cancer Treatment” organized by the Centre for Biopolymer Science and Technology, Kochi held at Hotel Beaumonde The Fern, Kochi sponsored by DST, SERB and KSCSTE on September 29-30, 2016.

20. T.S. Anirudhan, J. Christa, Binusreejayan, F. Shainy, J. R. Deepa, **S. N. Anoop**, “Folic Acid Conjugated Iron Oxide Based Protein-Polyelectrolyte Complex for pH Responsive Delivery of 5-Fluorouracil” organized by the Centre for Biopolymer Science and Technology, Kochi held at Hotel Beaumonde The Fern, Kochi sponsored by DST, SERB and KSCSTE on September 29-30, 2016.
21. T. S. Anirudhan, Binusreejayan, J. Christa, **S. N. Anoop** “Synthesis and Characterization of pH, thermo, ionic and electric sensitive graphene oxide- β -cyclodextrin based polymer for the *in vitro* release of 5-flourouracil, an anti-cancer drug” organized by the Centre for Biopolymer Science and Technology, Kochi held at Hotel Beaumonde The Fern, Kochi sponsored by DST, SERB and KSCSTE on September 29-30, 2016.
22. Anirudhan T S, **Anoop S Nair**, Sabari J Bino, Deepa J R, Shainy F, Manasa Mohan A, “Fabrication of Solvent Responsive Transdermal Device for the Efficient Treatment of Skin Cancer” organized by The Society for Polymer Science India (SPSI) Trivandrum Chapter in association with American Chemical Society (ACS) held at Hotel Udayasamudra on January 8-11, 2017.
23. Deepa. J. R, Nisha. S, Shainy. F, **Anoop. S. Nair**, Manasa Mohan. A, T. S. Anirudhan, “Development of Electrochemical Sensor for Detection of Creatinine with Silane Functionalized Graphene Oxide Based Molecularly Imprinted Polymer Film” organized by The Society for Polymer Science India (SPSI) Trivandrum Chapter in association with American Chemical Society (ACS) held at Hotel Udayasamudra on January 8-11, 2017.
24. T. S. Anirudhan, Shainy F, Deepa J R, **Anoop S Nair**, Manasa Mohan A, “Adsorption and Photocatalytic Degradation Studies of Enrofloxacin using Polyacrylic Acid- grafted-Carboxylic Graphene/Titanium Nanotube Composite ” organized by The Society for Polymer Science India (SPSI) Trivandrum Chapter in association with American Chemical Society (ACS) held at Hotel Udayasamudra on January 8-11, 2017.
25. T. S. Anirudhan, Manasa Mohan A , Shainy F, Deepa J R, **Anoop S Nair**, “Preparation and Characterization of Novel Dual Drug Loaded Hydrogel for Combination Therapy” organized by The Society for Polymer Science India (SPSI) Trivandrum Chapter in association with

- American Chemical Society (ACS) held at Hotel Udayasamudra on January 8-11, 2017.
26. Anirudhan T S, **Anoop S Nair**, Binusreejayan, Deepa J R, Shainy F, “Solvent Selective Transdermal Film for Cost Effective Combinatorial Chemotherapy” at 29th Kerala Science Congress organized by KSCSTE and KFRI held at Mar Thoma College, Thiruvalla on January 28-30, 2017.
 27. Binusreejayan, **Anoop S. Nair** and T. S. Anirudhan, “Graphene Oxide- β -Cyclodextrin Based Multi Stimuli Responsive Polymer for the Controlled Delivery of 5-Fluorouracil, An Anticancer Drug” at 29th Kerala Science Congress organized by KSCSTE and KFRI held at Mar Thoma College, Thiruvalla on January 28-30, 2017.
 28. T S Anirudhan, **Anoop S Nair**, Syam S Nair, Chithra V Sekhar, “Hybrid Nanoparticles for Efficient Treatment of Melanoma” at Current Trends in Chemistry (CTriC – 2017) organised by the Department of Applied Chemistry, CUSAT sponsored by DST, UGC and KSCSTE held at CUSAT on February 3-4, 2017.
 29. Syam S Nair, **Anoop S Nair**, Chithra V Shekhar, Athira V S, T S Anirudhan, “Transdermal polyelectrolyte drug delivery film fabricated from gold nanoparticles for efficient delivery of Diltiazem” at Current Trends in Chemistry (CTriC – 2017) organised by the Department of Applied Chemistry, CUSAT sponsored by DST, UGC and KSCSTE held at CUSAT on February 3-4, 2017.
 30. Chithra Sekhar V, **Anoop S Nair**, Syam S Nair, Athira V S, T S Anirudhan, “Novel composite matrix for the controlled release of dual drugs by oral administration” at Current Trends in Chemistry (CTriC – 2017) organised by the Department of Applied Chemistry, CUSAT sponsored by DST, UGC and KSCSTE held at CUSAT on February 3-4, 2017.
 31. **Anoop S Nair**, Syam S Nair, Chithra V Sekhar, Athira V S, Thayyath S Anirudhan, “Solvent responsive transdermal device for the efficient treatment of skin melanoma” at International Symposium on New Trends in Applied Chemistry (NTAC -2017) organized by the Sacred Hearts College, Thevara and K V Thomas Endowment Support sponsored by KSCSTE held at Hotel Crowne Plaza, Cochin on February 9-11, 2017.
 32. Syam S Nair, **Anoop S Nair**, Chithra V Shekhar. Athira V S, Thayyath S Anirudhan, “Fabrication of a polyelectrolyte film decorated with gold nanoparticle for transdermal drug delivery” at International Symposium on New Trends in Applied Chemistry (NTAC -2017) organized by the Sacred Hearts College, Thevara and K V Thomas Endowment Support

sponsored by KSCSTE held at Hotel Crowne Plaza, Cochin on February 9-11, 2017.

33. Anirudhan T S, Athira V.S, Chithra Sekhar V, Syam S Nair, **Anoop S Nair**, “Molecularly Imprinted Polymer Decorated on Functionalized Carbon Nanotubes for Electrochemical Sensing of Bisphenol-A” at International Symposium on New Trends in Applied Chemistry (NTAC -2017) organized by the Sacred Hearts College, Thevara and K V Thomas Endowment Support sponsored by KSCSTE held at Hotel Crowne Plaza, Cochin on February 9-11, 2017.
34. Thayyath S Anirudhan, **Anoop S Nair**, Syam S Nair, Chithra V Sekhar, Athira V S, “Novel Nano Polymer Network for Selective Transdermal Elution of Chemotherapeutic Drugs” at International Conference on Tropical Plants and Molecular Design organized by TKM College of Arts and Science, Kollam sponsored by The Royal Society of Chemistry (RSC) on February 14-15, 2017.
35. Syam S Nair, **Anoop S Nair**, Chithra V Shekhar, Athira V S, Thayyath S Anirudhan, “Development and in vitro evaluation of guar gum and nanocellulose based patch for the transdermal drug delivery” at International Conference on Tropical Plants and Molecular Design organized by TKM College of Arts and Science, Kollam sponsored by The Royal Society of Chemistry (RSC) on February 14-15, 2017.
36. T. S. Anirudhan, S. V. Chithra, Syam S Nair, **Anoop S Nair**, “Novel pH responsive composite matrix as an oral device for the controlled release of 5-fluorouracil and curcumin: An *in vitro* study” at International Conference on Tropical Plants and Molecular Design organized by TKM College of Arts and Science, Kollam sponsored by The Royal Society of Chemistry (RSC) on February 14-15, 2017.
37. **Anoop S Nair**, T. S. Anirudhan, “Fabrication of solvent selective nanoparticles from polysaccharides for cost effective skin cancer treatment” at National Seminar on Recent Advances in Chemical Sciences (RACS-2017) organized by Department of Chemistry, University College, Trivandrum In Association with Sesquicentennial Celebrations sponsored by Government of Kerala on March 13-14, 2017. (**Awarded Best Paper Prize Award**)
38. Anirudhan T S, **Anoop S Nair**, Chithra Sekhar V, Manasa Mohan A, “Novel Gatekeepers for the Controlled Release of Chemotherapeutic Drugs from Mesoporous Silica” at National Seminar on Advanced Materials (NSAM 2017) organized by the Department of Chemistry, University of Kerala, Kariavattom in association with School of Physical and Mathematical Sciences on October 4th, 2017. (**Awarded Best Paper Prize Award**)

39. Chithra Sekhar V, T. S Anirudhan, **Anoop S Nair**, Manasa Mohan A, “Synthesis and Characterization of Modified Graphene Oxide Nanocomposites with Functionalized Chitosan and its Application in Drug Delivery” at National Seminar on Advanced Materials (NSAM 2017) organized by the Department of Chemistry, University of Kerala, Kariavattom in association with School of Physical and Mathematical Sciences on October 4th, 2017.
40. Manasa Mohan A , T.S. Anirudhan, **Anoop S Nair** and Chitra Sekhar V, “Synthesis and Characterization of Modified Graphene Oxide Nanocomposites with Functionalized Chitosan and its Application in Drug Delivery” at National Seminar on Advanced Materials (NSAM 2017) organized by the Department of Chemistry, University of Kerala, Kariavattom in association with School of Physical and Mathematical Sciences on October 4th, 2017.
41. Jiji V S, T. S Anirudhan, **Anoop S. Nair**, “Preparation and Characterization of Chitosan-Grafted-Itaconic Acid-Grafted-N-(Isopropylacrylamide) for the Controlled Delivery of Bis-Demethoxy Curcumin Analogue” at National Seminar on Advanced Materials (NSAM 2017) organized by the Department of Chemistry, University of Kerala, Kariavattom in association with School of Physical and Mathematical Sciences on October 4th, 2017.
42. T S Anirudhan, **Anoop S Nair**, Manasa Mohan A, “Dual Sensitive Gatekeepers for the Targeted Release of Chemotherapeutic Drugs from Mesoporous Silica Nanoparticles” at the 6th Asian Biomaterials Conference (ABMC6) organized by Sree Chithra Thirunal Institute of Medical Sciences and Technology on October 25-27, 2017 at Apollo Dimora, Trivandrum.
43. T S Anirudhan, Manasa Mohan A, **Anoop S Nair**, “Novel pH/reduction responsive graphene oxide (GO) carrier for controlled and targeted delivery of anticancer drugs” at the 6th Asian Biomaterials Conference (ABMC6) organized by Sree Chithra Thirunal Institute of Medical Sciences and Technology on October 25-27, 2017 at Apollo Dimora, Trivandrum.
44. T. S. Anirudhan, **Anoop S. Nair**, Syam S Nair, Chithra Sekhar V, “Ultrasound and thermo responsive copolymer as gatekeepers in mesoporous silica for anticancer transdermal drug delivery” at 30th Kerala Science Congress organized by the Kerala State Council for Science, Technology and Environment on January 27 – 30, 2018 at Govt. Brennen College, Thalassery, Kannur.

ACADEMIC QUALIFICATIONS

Sl.No.	Qualification	Board/University	% of Marks	Year of Passing
1	PhD	Kerala University	---	2018
2	CSIR-UGC NET	CSIR-UGC	21 st Rank	2015
2	M.Phil Chemistry	Kerala University	A Grade	2014
3	M.Sc. Chemistry	Kerala University	83.2 (University 9 th Rank)	2012
4	B.Sc. Chemistry	Kerala University	84.5	2010
5	PLUS TWO	Higher Secondary Board	82.83	2007
6	S.S.L.C	General Education Department	88.4	2005

Recipient of KSCSTE Junior Research Fellowship

Achievements

1. T. S. Anirudhan, J. Parvathy, Anoop S.Nair, Divya P.L, Nima J, Sheeba Alexander “Cell Proliferation and Controlled Release of Diltiazem Hydrochloride based on Chitosan-g-Oleic Acid and Montmorillonite Hybrids” at National Seminar on “Emerging Trends in Chemical Sciences (ETCS-2013)” organized by the Dept. of Chemistry, University of Kerala on May 2013. (Awarded Best Paper Prize)
2. T. S. Anirudhan, J. Parvathy, Anoop S.Nair “Evaluation of Multiple Drug Release Behaviour of Drugs from a Matrix involving Polymer Micelle of Oleic acid-g-Chitosan and Poly(ethylene glycol)- Poly(vinyl alcohol) Hydrogel” at National Seminar on “Emerging Trends in Polymeric Materials (ETPM 2014)” at Christian College, Chenganoor on January 2014. (Awarded Best Paper Prize)
3. Anoop S Nair, T. S. Anirudhan, “Fabrication of solvent selective nanoparticles from polysaccharides for cost effective skin cancer treatment” at National Seminar on Recent Advances in Chemical Sciences (RACS-2017) organized by Department of Chemistry, University College, Trivandrum In Association with Sesquicentennial Celebrations sponsored by Government of Kerala on March 13-14, 2017. (Awarded Best Paper Prize Award)
4. Anirudhan T S, Anoop S Nair, Chithra Sekhar V, Manasa Mohan A, “Novel Gatekeepers for the Controlled Release of Chemotherapeutic Drugs from Mesoporous Silica” at National Seminar on Advanced Materials (NSAM 2017) organized by the Department of Chemistry, University of Kerala, Kariavattom in association with School of Physical and Mathematical Sciences on October 4th, 2017. (Awarded Best Paper Prize Award)

Administrative Positions Held

1. Student Representative of Rashtriya Uchatar Shiksha Abhiyan (RUSA) of the University of Kerala chaired by Hon. Vice-chancellor, University of Kerala from January 2017 – March 2018 (UO No. Pl.D/4447/RUSA/2016 dated 19.01.2017)
2. Student Convener to three National Seminars Organized by the Department of Chemistry, University of Kerala

AREAS OF EXPERTISE

Drug Delivery
Polymer Science
Organic Chemistry
Analytical Chemistry

PERSONAL DETAILS

ANOOP S. NAIR,
“ULLAS”,
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T: 0471-2360578
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E: anoopkkred@yahoo.co.in
Father's Name: S.SOMASEKHARAN NAIR
Nationality: Indian