

51 years of Empowerment 1968-2019



ശ്രീനാരായണ ഗുരു കോളേജ്, ചേലന്നൂർ
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ripples'19
SEMINAR SERIES

The Annual Multi-Disciplinary Seminar Series

Facilitated by PTA

SREE NARAYANA GURU COLLEGE CHELANNUR

Kozhikode, Kerala

6th to 18th February 2020

Our Institution

Sree Narayana Guru College, Chelannur, named after our patron saint, the great seer **Sree Narayana Guru**, was founded by the eminent visionary and educationalist **Shri. R Sankar**, the former Chief Minister of Kerala, in 1964. The foundation stone of the college building was laid in February 1968 and classes started in June 1968 with a Pre-degree batch. The Degree classes started in the year 1975 and the PG courses were begun in 1995. At present the College stands tall with 7 UG and 3 PG programs and is one of the prestigious institutions of higher learning run by Sree Narayana Trusts, Kollam. The college is affiliated to the University of Calicut and has gained the 2(f) and 12 B recognition of the UGC. The institution has been accredited with **B++** Grade (CGPA – 2.89) in the second cycle of NAAC Re-accreditation in November 2016. The college has crossed its golden jubilee in the last year and has accomplished fifty one years of service in the higher education, catering largely to the needs of students belonging to socially and economically backward families, often hailing from rural areas.

The Annual Academic Series *Ripples*

Ripples, the multi-disciplinary annual seminar series, was conceptualised in the year 2018 as part of Golden Jubilee Celebrations of Sree Narayana Guru College, Chelannur, with the collective involvement of eighteen departments of the college with a view to enlighten the youngsters through academic deliberations. This programme was being initiated with the humble aim to continue the same in the years to come, so that our institution situated in the rural backdrop of the district of Kerala State will continue to provide exposure and platform for the students from socio-economically backward groups of the society. *Ripples* 2018 has successfully remarked as a milestone in the rich historical legacy of our college by fulfilling its vision.

Now at this fifty first year of our college we are presenting before you the academic feast *Ripples* 2019 with the backbone support of Parents' Teachers Association, to bring together a wide range of faculty, students and researchers in the field of Arts, Science and Humanities to gain a deeper understanding of multidisciplinary research developments and how this approach provides a significant contribution towards advancing our understanding of today's pressing global challenges. This will enable the empowerment of the student community through the realisation of the revolutionary call of the great saint Sree Narayana Guru for '**Liberation Through Education**'.



Dear Sir/ Madam

With immense pleasure and warmth, we welcome your esteemed presence and active participation in Ripples 2019, the annual academic seminar series of Sree Narayana Guru College, Chelannur scheduled from 6th to 18th February 2020. The caption Ripples reflects the multi-dimensional facet of the two week long annual academic festival. These events are expected to provide the students, researchers and faculty, a platform for interaction with luminaries from various disciplines of arts, science and humanities, with more knowledge for higher academic pursuits in future.

The Principal, Staff and Students of Sree Narayan Guru College, Chelannur, have great pleasure in inviting you to this academic endeavour. Expecting your whole-hearted participation and encouragement.

Dr. Joobi VP
Organising Secretary

Dr. Maya Devi J
Convener

Dr. Devipriya V
Chairman

PROGRAMME CHART

Venue: Seminar Hall, Sree Narayana Guru College, Chelannur

2020 February 6th, Thursday

Inaugural Session

F.N. Session : 10.00 am – 1.00 pm

Daivadasakam	:	Sona M K (II Bcom)
Welcome Speech	:	Dr. Maya Devi J (Convener & Coordinator, IQAC)
Presidential Address	:	Dr. Devipriya V (Principal, Chairman)
Inaugural Speech	:	Dr. Vinod Kumar K P (Member Syndicate, University of Calicut)
Felicitation	:	Sri P M Raveendran (SN Trusts Executive Member)
	:	Sri. Madhu. K (Head of the Dept. of Physical Education)
	:	Lt. Dr. Sindukrishnadas (Head of the Dept. of Economics)
	:	Dr. Santhosh C R (Head of the Dept. of Sanskrit)
	:	Sri. Murali A K (Vice President, PTA)
	:	Smt. Vidya K (Secretary, Staff Association)
	:	Sri. Maheendran I (LD Clerk)
	:	Sri. Ashbin K P (Chairman, College Union)
Vote of Thanks	:	Dr. Joobi V P (Organising Secretary)

2020 February 6th, Thursday

Department of Mathematics

A.N Session : 1.30 pm – 4.30 pm

Theme : **Algebra**

Invited Lecture : **Prof. Dr. A J Jayanthan**
Dept. of Mathematics, Goa University

Symmetry & Groups

Paper Presentations by Students & Researchers

1. Metric Spaces by Gopika T (III BSc. Mathematics)
2. Metric preserving function by Ardhra E (III BSc. Mathematics)
3. Linear transformation and basis by Sreelakshmi P (III BSc. Mathematics)
4. Topological spaces by Sreehari K K (III BSc. Mathematics)

2020 February 7th, Friday

Department of Economics

F.N Session : 10.00 am – 1.00 pm

Theme : **Indian Economy**

Invited Lecture : **Dr. C P Shaheed Ramzan**
Associate Professor, PG Department of Economics
Govt. Arts & Science College, Meenchanda

Recent Trends in Indian Economy

Paper Presentations by Students & Researchers

1. Global social mobility index by **Leethu V** (II MA Economics)
2. Budget Highlights by **Sruthi T** (II M A Economics)
3. Recent trends in GDP by **Ashli C** (I M A Economics)
4. Fluctuations in gold price by **Ardhra K** (III B A Economics)
5. Relevance of make in India project by **Vichitra A** (III B A Economics)

Department of History

A.N. Session 1.30 pm – 4.30 pm

Theme : **Indian Democracy**

Invited Lecture : **Dr. Vinod Kumar C**
Former Principal, Sree Narayana Guru College Chelannur

Challenges of Indian Democracy

Paper Presentations by Students & Researchers

1. NRC by **Farhana Munfida** (I MA Economics)
2. Role of Women in Indian freedom struggle by **Navya Krishna** (III B A Economics)
3. Kerala model development by **Anju Chandran** (III B A Economics)
4. Policy of economic stabilizations by **Swathi Krishna P J** (I MA Economics)
5. Educational development in Kerala by **Jishnu Raj** (I MA Economics)
6. Globalisation and its effects by **Anusree K** (III B A Economics)

2020 February 10th, Monday

Department of Statistics

F.N. Session : 10.00 am – 1.00 pm

Theme : **Statistics**

Invited Lecture : **Dr. Elsemma Jacob**
HoD, Dept. of Statistics, Malabar Christian College

Official statistics

Paper Presentations by Students & Researchers

1. Official statistics in India by **Veena Santhosh C K** (II BSc. Mathematics)
2. Statistical system at the centre by **Jasna N** (II BSc. Mathematics)
3. Introduction to statistics by **Anusree K** (II BSc. Mathematics)
4. Vital statistics by **Aswin Babu** (II BSc. Mathematics)

Department of Political Science

A.N Session 1.30 pm – 4.30 pm

Theme : **Media & Democracy**

Invited Lecture : **Sri. T K Ramakrishnan**
HoD (Former), PG Dept. of Political Science, Sree Kerala Varma College, Thrissur

Paper Presentations by Students & Researchers

Indian Democracy & Contemporary Media

1. Media and Government by **Arshad Rahman P J** (II B A Malayalam)
2. Media in Independent India by **Mubin Salim** (II BA Malayalam)
3. Role of media in nation building by **Vijithra A** (II BA Economics)
4. Communication & media by **Arjun P** (II B A Economics)
5. Administrative terrorism & media by **Amith A** (II B A Economics)

2020 February 11, Tuesday

Department of Hindi

F.N. Session : 10.00 am – 1.00 pm

Theme : **Natak aur Rangmanch**

Invited Lecture : **Dr. A. Achuthan**
Former Professor, Dept. of Hindi, University of Calicut

Natak aur rangmanch ek thathyatmak vivechan

Paper Presentations by Students & Researchers

1. Sabse bada aadhmi.ek parishay by **Sona V R** (I B.Com)
2. 'Tooththe Parivesh' mei peediyom ka anthar by **Akash K** (II Bsc. Physics)
3. Hindi natak ka ithihas by **Veena santhosh** (II Bsc. Mathematics)
4. 'Karbala' natak ek parishay by **Anagha P S** (II Bsc. Botany)
5. 'Aadhe adhoore' mei nari by **Adhithya C K** (II BA. English)

Department of Arabic

A.N. Session 1.30 pm – 4.30 pm

Theme : Specialty of Arabic Language
Invited Lecture : **Prof. E K Ahmmad**
Former Professor Department of Arabic M E S College, Mampad
& Principal, St. Women's College Ummathur, Vatakara

Arabic, the world living language

Paper Presentations by Students & Researchers

1. Modern trends in Arabic by **Sameeha Nasrin** (II B A English)
2. Quran the master piece of Arabic language by **Naja Fathima** (II BSc. Physics)
3. Influence of Arabic language in Indian languages by **Fathima Aneena** (II BA Economics)
4. Muslim influence in Indian culture by **Majida** (II BSc. Mathematics)
5. Role of Islam in the field of faith and social life in Indian society by **Afeefa** (II BSc. Mathematics)
6. Presence of woman in Arabic cinema by **Arshad Rahman PJ** (III BA Malayalam)

2020 February 12th, Wednesday

Department of Physics

F.N. Session : 10.00 am – 1.00 pm

Theme : General Physics
Invited Lecture : **Sri. Suresh Babu**
Former HoD, Dept. of Physics, Govt. College, Madapally

Physics through problems

Paper Presentations by Students & Researchers

1. Nobel prize in Physics 2019 by **Jithin Devesh** (III BSc. Physics)
2. Li-Fi by **Abhaya Raj** (III BSc. Physics)
3. Evolution of stars by **Sreelakshmi Nair C** (II BSc. Physics)
4. Thin Films by **Bhavana Pavithran** (II BSc. Physics)
5. Crystal systems by **Akshara K** (II BSc. Physics)

Department of Electronics

A.N Session : 1.30 pm – 4.30 pm

Theme : General Electronics
Invited Lecture : **Prof. Siby Joseph**
Academic Council Member, University of Calicut & HoD and Associate Professor
Dept. of Electronics WMO Arts & Science College Muttill, Wayanad

An overview on embedded systems and applications

Paper Presentations by Students & Researchers

1. An overview on optical computer by **Akash T M** (II BSc. Physics)
2. Introduction to artificial intelligence by **Abhishek V** (II BSc. Physics)
3. Optical fiber communication by **Arya T A** (II BSc. Physics)
4. Next generation wireless communication by **Akash N** (II BSc. Physics)
5. VLSI transistors by **Anagha E P** (II BSc. Physics)
6. Diamond semiconductor by **Athira P** (II BSc. Physics)

2020 February 13, Thursday

Department of Malayalam

F.N. Session : 10.00 am – 1.00 pm

Theme : Pravasam
Invited Lecture : **Dr. K K Sivasdas**, HoD Department of Malayalam, Kannur University

Pravasathinte mudrakal Sahityathil

Paper Presentations by Students & Researchers

1. ദളിത് പ്രശ്നാവതരണം – തുറു സിംഹാസനങ്ങൾ എന്ത നോവലിനെ ആധാരമാക്കി ഒരു ഛന്ദം by **Arshad Rahman P J** (II B A Malayalam)
2. കാതതിദിഷിന്റെ തത്ത്വകാലങ്ങൾ എം.ടിയുടെ തത്ത്വം എന്ത നോവലിനെ ആധാരമാക്കിയുള്ള ഛന്ദം by **Arya M V** (III B A Malayalam)
3. ആലോചനയുടെ പെൺമക്കൾ – പെണ്ണും പ്രകൃതിയും ഇരകളുടെ ജീവിതങ്ങൾ by **Neethu Raj R S** (III B A Malayalam)
4. പ്രണയവും മരണവും ആശാന്റെ കൃതികളിൽ by **Anusree T T** (III B A Malayalam)
5. കല്യാണിയെന്നും ദാക്ഷായണിയെന്നും പേരായ രണ്ടു സ്ത്രീകളുടെ കത by **Salabha A K** (III B A Malayalam)

Department of Sanskrit

A.N. Session 1.30 pm – 4.30 pm

Theme : Philosophy of Ayurveda
Invited Lecture : **Dr. M Narayanan**
Assistant Professor Dept. of Sanskrit, Govt. Arts & Science College, Kozhikode

Philosophical background of Ayurveda

Paper Presentations by Students & Researchers

1. Mahabharata by **Anjali O** (II BA Malayalam)
2. Ramayana by **Ajina A M** (III BA Malayalam)
3. Historical Kavyas by **Swathi Mohan P M** (II BSc. Botany)

2020 February 14th, Friday

Department of Chemistry

F.N. Session : 10.00 am – 1.00 pm

Theme : The Central Science
Invited Lecture : **Dr. D K Babu**
Former Senate member, University of Calicut & Former HoD
Dept. of Chemistry Zamorin's Guruvayurappan College

Chemistry for human welfare

Paper Presentations by Students & Researchers

1. History of Chemistry by **Arunima** (III BSc. Botany)
2. Smart material- The material for future by **Dilna TT** (II BSc. Botany)
3. Boron chemistry and its applications in cancer treatment by **Anshi Ashok A S** (II BSc. Botany)
4. Cosmetic Chemistry and its applications by **Anagha P S** (II BSc. Botany)
5. Evolution of green chemistry & its multi-dimensional impact by **Swetha K V** (II BSc. Botany)

Department of Zoology

A.N. Session 1.30 pm – 4.30 pm

Theme : Microbiology

Invited Lecture : **Dr. Sebastian C D**

Associate Professor, Department of Zoology

Mangrove rhizosphere microbes as potential bioremediators

Paper Presentations by Students & Researchers

1. Asiatic cheetah – The critically endangered species by **Midhunsha V** (II BSc. Botany)
2. Liver cirrhosis by **Malavika T R** (II BSc. Botany)
3. Coloration of feathers in different birds by **Swathi Mohan P M** (II BSc. Botany)
4. Bio weapons by **Amitha P P** (II BSc. Botany)
5. Social insects by **Sangamithra V K** (III BSc. Botany)
6. Insect plant interaction by **Theertha M D** (III BSc. Botany)

2020 February 15th, Saturday

Department of Commerce

F.N. Session : 10.00 am – 1.00 pm

Theme : Research Methodology

Invited Lecture : **Prof. Dr. M A Joseph**

HoD, Dept of Commerce & Management Studies, University of Calicut

Systematic research methodology for social science

Paper Presentations by Students & Researchers

1. Cash and cashless economy by **Ayana B** (II Bcom)
2. Women entrepreneurship by **Gangothri C H** (II Bcom)
3. Crypto currency by **Lakshmi P Anand** (II Bcom)
4. GST and related topics by **Neha Mahendran K** (II Bcom)
5. Structure of union and state budget, source of revenue by **Minshara P** (I Mcom)
6. Fiscal policy by **Nishitha Pradeep**(I Mcom)
7. Niti Aayog by **Surya Devi P** (I Mcom)

Department of Botany

A.N. Session 1.30 pm – 4.30 pm

Theme : Advances in plant sciences

Invited Lecture : **Dr. Abis V Cherussery**

Associate Professor & HoD (Former), P G Department of Botany

St. Joseph College, Devagiri

Biotechnology – A critical evaluation

Paper Presentations by Students & Researchers

1. Relevance of taxonomy for conservation by **Theertha** (III BSc. Botany)
2. Forest fire and its impacts -with special reference to south Kerala region by **Arunima** (III BSc. Botany)
3. Endemic plant species in South Kerala by **Abhisooriya** (II BSc Botany)
4. Common plant diseases in South Kerala by **Ananya** (II BSc. Botany)
5. A special approach on floral diversity of Vallikattu kavu by **Sangamithra** (III BSc. Botany)

2020 February 17, Monday

Department of English

F.N. Session : 10.00 am – 1.00 pm

Theme : Postcolonialism

Invited Lecture : **Dr. V G Prasanth**

Associate Professor & HoD, Dept. of English, RSMSNDP Yogam College, Koyilandi

Nation as an imagined community: A Postcolonial Critique

Paper Presentations by Students & Researchers

1. Postcolonial perspective on the God of Small Things by **Rinitha C P** (II M A English)
2. Tacit group of refugees of the world by **Nevil Philip** (I M A English)
3. A Post-colonial reading of Indian cinema by **Jaithra E K**(II M A English)
4. Identity and race in Chimamanda Ngozi Adichie's Americanah by **Aiswarya P** (I M A English)
5. Aspect of Alienation in Kamala Markandeya's The Nowhere Man by **Nikhitha N** (I M A English)

Department of Journalism

A.N. Session 1.30 pm – 4.30 pm

Theme : Advertising and films

Invited Lecture : **Smt. Aparna Prasanthi**

Writer and Film Critic

New wave and feminist approach in Malayalam films

Paper Presentations by Students & Researchers

1. 2010-20: Evolving new wave in Malayalam films by **Gopika** (II BA English)
2. Representation of women in advertisements by **Arunima** (II BA English)
3. Need of film festivals in the contemporary society by **Amjadha** (II BA English)
4. Penetration of Americanism in visual media: A study based on Amazon and Netflix by **Kavya Madhusoodhanan** (I BA English)
5. Rejection of stardom, and new born actors in Malayalam films by **Gayathri V V** (I BA English)

2020 February 18th, Tuesday

Department of Physical Education

F.N. Session : 10.00 am – 1.00 pm

Theme : Phyto Chemistry

Invited Lecture : **Smt. Pooja Nair**

Senior Reporter, New Indian Express and a Personal trainer

Weight training and functional training for life

Paper Presentations by Students & Researchers

1. Fitness and subclasses by **Asli C** (I MA Economics)
2. Yoga in modern life by **Anusree K** (III BA Economics)
3. Blind cricket in India- past & present by **Arjun P**(III BA Malayalam)
4. Junk food and lifestyle diseases by **Aiswarya Asokan A S** (I MA Economics)

VALEDICTORY SESSION

Venue: Seminar Hall, SNGC, Chelannur

A.N. Session 1.30 pm – 4.30 pm

- Daivadasakam : **Sona M K**
- Welcome Speech : **Dr. Maya Devi J** (Convener & Coordinator, IQAC)
- Presidential Address : **Dr. Devipriya V** (Principal, Chairman)
- Inaugural Address : **Dr. Indu P V** (Associate Professor of Psychiatry, Government Medical College, Kozhikode.)
- Seminar Report Presentation by : **Smt. Athma Jayaprakash**
(Asst. Professor, Dept. of Commerce)
- Feedback : **Dr. Deepesh Karimpunkara**
(HoD, Dept. of Malayalam)
- : **Smt. Akhila M K** (HoD, Dept. of Commerce)
- : **Sri Murali A K** (Vice President, PTA)
- : **Smt. Vidya K** (Secretary, Staff Association)
- : **Sri. Maheendran I** (LD Clerk)
- Feedback from Students : **Sri Ashbin K P** (Chairman, College Union)
- Vote of Thanks : **Dr. Joobi V P** (Organising Secretary)
- National Anthem



ripplessngc@gmail.com

Organising Committee

- Patron : **Sri Vellapally Natesan** (The Manager, Sree Narayana Trusts)
- Chairman : **Dr. Devipriya V** (Principal)
- Co Chairman : **Sri P M Raveendran** (SN Trusts Executive Member)
- General Convener : **Dr. Maya Devi J** (Head of the Dept. of English & Coordinator, IQAC)
- Organising Secretary : **Dr. Joobi V P** (Assistant Professor, Dept. of Commerce)
- Joint Secretaries : **Smt. Athma Jayaprakash** (Assistant Professor, Dept. of Commerce & Member, IQAC committee)
- : **Smt. Vandana Viswanath** (Assistant Professor, Dept. of English)

Members

- | | | |
|-------------------------|--------------------------|------------------|
| Sri. Murali Ak (PTA) | Smt. Lasitha K R | Lt. Mohanan T |
| Sri. Madhu K | Dr. Santhosh C R | Dr. Suma K |
| Dr. Manoj Kumar K B | Dr. Deepesh Karimpunkara | Sri. Jithesh C P |
| Lt. Dr. Sindukrishnadas | Smt. Jaseena T P | Sri. Rajesh M R |
| | Smt. Akhila M K | Smt. Shini M |

For Queries

- | | | |
|--|---|---|
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