## DEPARTMENT OF BOTANY Innovation ecosystem, 2020-2021

## CERTIFICATE COURSE ON FLORICULURE AND FLOWER ARRANGEMENT: PRINCIPLES AND PRACTICES

As per the instructions from the General Coordinator of the Certificate Courses of the College, the Board of Studies comprising of Course Director Dr. R. Sunilkumar (Principal), Course Coordinator Dr. Latha Sadanandan (Chairperson), Dr. Nisha A P (Head of the Department), Dr. Kiranraj M.S., Dr. N. Ratheesh, Dr. Ponni T G and Dr. Smitha S (CMS College, Kottayam) as Members were selected. The Board of Studies meeting was convened on 22/1/2021 to formulate the Syllabus and Selection Criteria of the students to the course. Accordingly announcement of the course and applications were invited from first year and second year Undergraduate students of all Departments to the Certificate Course on 'Floriculture and flower arrangement: Principles and Practices'. Seventy one applications were received. The course commenced on 8/2/2021. Both theory and practical classes were carried out as per syllabus (30 hours) during February and March 2021 by the members of the Board of Studies. Offline Theory and Practical exams were carried out for first year students on 23/2/2021 and 27/2/2021 respectively while they were conducted on 1/3/2021 and 4/3/2021 for second year students following Covid Protocol. Photographs were taken and recorded. Pre-valuation Board meeting was convened on 13/3/2021. The final list of students qualified for the Certificate course were based on their attendance in online classes, theory and practical examinations conducted. Pass Board meeting and Declaration of results were carried out on 22/3/2021. Sixty students from various Departments (English, Journalism and Mass Communication, Malayalam, Biotechnology, Botany) qualified the Certificate Course.





#### **Innovation ecosystem**

Research department of Chemistry possess 14 faculties out of which 12 holds PhD Degree and two others are on the final stage of submission. The highly research experienced faculty is fully equipped and trained to provide its students and researchers a high quality hub for knowledge transfer. Research supervisors from other colleges were also affiliated to our department to promote high quality research output. The research of the affiliated and own researchers are experts in innovative fields like computer aided drug designing, water purification methods, alternative energies (Hydrogen based) etc. which can be extended to industrial applications. The students and researchers were highly benefitted from the trained faculties of department. The department also created a hub and given training to its students for sanitizer manufacturing and free distribution. Department also send huge amount of sanitizer to SBI, Trivandrum during pandemic times at a low rate and got much appreciation from pubic and medias. Department also conducts computer aided drug design course (CAAD) to train students for innovative research. The coordinator of different courses and other faculties published quality research papers in reputed journals in their respective fields. Many of the faculties are actively engaged in reviewers in international journals. They are also keen in participating in training programs of newer technologies and teaching methodologies. Department also conducts International webinars, training programs, online teaching practices along with traditional teaching methods. Department also offers students of other colleges to design and complete their PG projects within time. Department receives grand from KSCSTE, Trivandrum to conduct projects and instrumentation. Department also is DST-FIST and DBT STAR supported to conduct new facilities and training programmes.

The department has started UGC recognized certificate course in 'Water quality analysis' along with an innovative water lab to trains all its regular UG and PG students and affiliated outside students. This will help them and bring confidence for a start up laboratories to provide high quality analytical testing services for water quality assessments. Frequent water testing is a must these days to monitor any changes that occur in water quality. The situation of continuously depleting ground water table in urban areas like Kollam is even more serious. Thus, there is an urgent need for awareness among youth for the conservation of water resources and effective strategies and management. The department is keen is the dissemination and providing scientific approach to society for effective water management and rainwater harvesting. The importance of clear and clean water using practices to ensure good health along the community is also accelerated by the activities of the department.

## **Innovation Ecosystem**

## **Department of Economics**

The Department of Economics is vibrant with 8 faculty members; of which 4 holds PhD degree and two are continuing their research process. The faculty members are well equipped to meet the needs of the present course structure for the UG and PG programme of University of Kerala. The syllabus of UG and PG was restructured to include environmental economics, disaster management and innovative readings in Political economy. Our faculty members were instrumental in bringing up changes in the syllabus by active participation in Board of Studies and syllabus restructuring committee. The department assigns project /field study on innovative topics for the UG and PG students. The department also joins hands with ED club of our College for the effective functioning of Chocolate unit as an innovative venture to raise awareness on entrepreneurship. The chocolate unit enhances their quality and productivity through their composition, structure, mode of presentation and marketing. The department also conducted webinar on "Risk taking and uncertainty bearing on Entrepreneurship" which was an eye opener for the students. The faculty members also publish their articles in leading journals which were approved by the UGC. These articles were an investigation into the current socio-economic issues of our economy. The department also engages College level Certificate course in 'Financial Planning and Investment Management" which is an innovative course for creating an in depth knowledge regarding the financial structure of our economy. The faculty members regularly participates in Induction programmes, FDP and refresher courses for updating their knowledge on the current trends in education. Thus, the department contributes significantly to the overall improvement of different aspects of collegiate education.

## Department of English & Journalism and Mass communication Innovation Activities 2020-2021

1. International Webinar in association with IQAC

Topic: Black, Asian and Minority Ethnic Lives in Contemporary British Literature Resource Person: Mr. Jose Varghese, Assistant Professor in English, Jazan University,

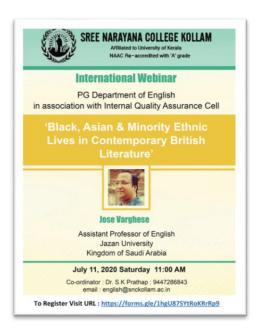
Kingdom of Saudi Arabia

Date: 11 July 2020

Time: 11 am

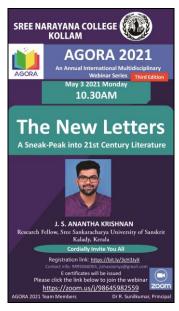
Inauguration: Dr. R. Sunil Kumar Co-ordinator: Dr. S.K. Prathap Vote of Thanks: Ms. Radhika B.

Ethnic Studies is of utmost importance in the 21st century with liberal attitudes towards objective power relations between races and against the grand narrative written by the white men fading away in order to co-operate with other voices of colour in the midst of the Black Lives Matter Movement taking place in the west. The resource person was an erudite scholar, publisher and poet who elaborated on Black, Asian, Minority and Ethnic Community Writing) BAME. The webinar was concluded by a very lively Q&A session. It was a well-organized webinar attended by several students and academicians all over India. The webinar session lasted for one hour forty five minutes and got 145 positive feed backs.





2. AGORA WEBINAR SERIES -The New Letters: A Sneak-Peak into 21st Century Literature AGORA WEBINAR SERIES has gained currency among the intellectually curious ever since its inception in 2020 as a virtual agora for the dissemination of knowledge. The PG department of English, Sree Narayana College, Kollam organised an informative presentation "The new Letters: A Sneak-Peak into 21st Century Literature" at 10.30 am on 3/5/21 with Mr J S Ananthakrishnan as the resource person in the second edition of the series AGORA 2021. Mr. Ananthakrishnan is an eminent writer and translator, an efficient researcher and educationist, an eloquent orator and motivator, and a recipient of prestigious awards and accolades. Mr Ananthakrishnan began his speech by presenting a kaleidoscopic view of the scope of literature in conglomeration with diverse fields such as Music, Journalism etc. He made it a point that literature is no more exclusively literary but it is a confluence of disparate genres. Literariness has become the least of the writer's objectives from early 20th century. Unveiling the multifarious dimensions of 21c literary world Mr Ananthakrishnan mesmerised the viewers by adumbrating the success stories of the new age writers of eminence. The vastness of literary koreros could incorporate fragmentary novels, adaptations and pandemic literature under the same wing, he opined. Mr. Anantha Krishnan concluded the session referring to 'Diginovels', 'Interactive Literature' and 'Skin Projects'. In the webinar chaired by Ms.Jisha S, Ms.Radhika B, Head of the Department, introduced the resource person. Principal Dr Sunil Kumar inaugurated the function and addressed the audience and Ms.Chinnu Chandran, department level coordinator, expressed the vote of thanks. The second session of the seminar was conducted the very next day on May 4th 2021 at 9:30 a.m. via Google meet. This session focused on paper presentation by PG students. JS Ananthakrishnan and Radhika B, Head of the department addressed the students before the presentation. The presentation session started by 9:50 a.m. and ended at 10:30 p.m. Each of the students was given a maximum of seven minutes for the presentation. Thirteen papers were presented by the PG students. Students choose a wide variety of topics that came under the arena of literature. The second session came to an end at 12:40 p.m. with the vote of thanks by Ms. Viji, Assistant Professor of English.



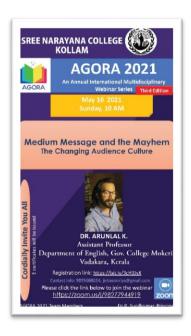
3. Report of the Webinar Medium Message and the Mayhem: The Changing Audience Culture 16 May 2021, 10 A.M.

Convenor: Ms. Indu R. (Assistant Professor of English)

Co-ordinators: Mr. Arun Ravi (Assistant Professor of English)

Dr Anjana Thampi (Assistant Professor of English)

A webinar on the topic Medium Message and the Mayhem: The Changing Audience Culture was organised by the Department of Journalism and Mass Communication on 16 may 2021 at 10 A.M. through zoom platform as part of the AGORA seminar series 2021 of the college. The session began in a formal way with Ms. Radhika B., Head, Department of English and Journalism delivering the welcome address and introducing the resource person Dr Arunlal K., Assistant Professor of English, Government College, Mokeri. The Principal of the college Dr R. Sunilkumar delivered the presidential address which was an eye opener to the ensuing keynote speech. Dr Arunlal began his keynote address stressing the dilemma and the resultant confusion in the state of existence of people where the real has become virtual and the virtual has become the real. In the context of the covid pandemic he highlighted how cultural transactions which were possible in the real world has become staled and paved way for the negotiation of boundaries limiting our mobility. Citing Marshall McLuhan and drawing on the post-truth era, his whole lecture centered on the collusion and convergence that has become typical and the hallmark of media where we expect everyone to comment on everything. This change in audience culture has brought in a drastic transformation in the epistemic validation of knowledge in which we all feel that we are in an echo chamber. The session winded up in a formal way by Ms. Geetu R. Prasad, Assistant Professor of English proposing the vote of thanks. As many as 180 people which include academicians and students from other institutions participated in the webinar. Due to time constrictions the paper presentation session was scheduled on 20 may 2021 at 2.00 P.M. Altogether there were twelve paper presentations and the session was chaired by Ms. Anaswara R. Krishnan. The convenor of the webinar Ms. Indu R., Assistant Professor of English welcomed the chair and students. The paper presentation by students was followed by discussions and deliberations which further opened the nuances of the topic. The session concluded in a formal way by Dr Anjana Thampi, Assistant Professor of English proposing the vote of thanks.



4. Media Club Programmes conducted in association with Department of Journalism and Mass Communication

The Media Club of Sree Narayana College, Kollam provides students with the opportunity to express their ideas and talent through media, communication and journalism. The main purpose of the Media Club is to provide an opportunity to the students to be creative in media. Using media, they will collaborate together while getting hands-on experience. It also aims at providing encouragement and technical knowhow on the various mass communication media. It also gives an opportunity to the students to be creative in media and to enhance their creative skills. It enables students to develop an understanding of the effects of mass media on themselves as individuals and also upon society and to build up skills to deconstruct media messages by making them understand the constructed nature of media.

The Co-ordinator of the Media Club is Mrs.Radhika B., Assistant Profesor of English and the members include Smt. Chinnu Chandran, Assistant Profesor of English, Dr.Smitha Prakash, Assistant Profesor of Malayalam, Smt.Preseeja P.J., Assistant Profesor of Commerce, and Dr.Bera R.Uday, Assistant Profesor of Sanskrit.

The Media Club of Sree Narayana College, Kollam, organized several programmes during the academic year 2020-2021. A webinar on "Polyphony of Folk Songs" was conducted on 03th August 2020 in association with the Department of Journalism and Mass Communication and IQAC. Mr. Rahul Gandhi, Folklore Researcher, Director of Thudi Folklore and recipient of Kerala Government's Young Talent Award was the chief guest and he enumerated on the different types of folk songs and how it reflects the culture of different communities in Kerala. The session was a very interactive one and with examples he discussed about the origin of some folksongs and how it is related to the life of the people and how important are folksongs in determining and understanding the life, culture and social practices of people. He also talked about the connection between folksongs and Malayalam language.

The aim of the seminar was to make the students aware of the importance of folklore as an art form and how it reflects the beliefs, hopes, aspirations, rituals, tradition and culture of the people from whom it originated and how important are folksongs, which has become so popular in the twenty first century, from the anthropological, historical, literary and artistic perspective.

An online cloud platform in telegram which was formed in 2019 to share critically acclaimed world movies, documentaries and also photographs and other media that should not be left ignored, continued to share acclaimed movies and documentaries. The aim was to foster global awareness of life and culture to the students, as visual clips provide a greater understanding of the time and era and also of the locale in which the story is set. These movies, documentaries and photographs were also aimed at sensitizing students to environmental, gender and refugee issues.

Discussions and review of movies were organized, in association with the Department of Mass Communication and Journalism, as it plays an important part in understanding the films better. Different aspects of a film like the effectiveness of the storyline and dialogue, the importance of background, the role played by photography, costume, the use of darkness and light, performance of actors, the importance of editing, were discussed .Students were also made aware of how to interpret and analyse movies objectively.

An online photography contest was conducted on the topic "Life in Pandemic Times." Out of the several entries received three were selected and the students were given certificates of appreciation. It was aimed at encouraging students to observe their

world even when the world was locked down due to the pandemic and the photographs reflected the dull monotony of lockdown days.

An RJ hunt was also conducted in order to enhance and encourage communicative and interactive skills among the students. Students were encouraged to send a one minute audio clip on any topic showcasing the power of their voice and they could use either Malayalam or English. The aim was to find talented students and to make them industry ready.

These activities helped the student community to widen their knowledge about folklore, films, documentaries, photography, film appreciation, the dos and don'ts of being a RJ and also the various elements and techniques involved in the media. The activities also helped the students to become aware of various career opportunities in mass media and also the significance and impact of conveying messages through media.













Department of Hindi conducted one day national seminar on Hindi computing on 15<sup>th</sup> January 2021. Dr. Premanvelloth (Retd. Professor & Advocate) was the chief guest. The Seminar was inaugurated by the Principal, Dr. R. Sunilkumar. The welcome address was delivered by Dr. Shaji. N, about 70 students participated the programme. In the seminar we discussed about the importance of Hindi Computing.

In future there is no way to avoid computers for various jobs / works. Through Hindi computing various job opportunities and new channels are open. Our HOD Dr. P.G. Sasikala has decided to students showed their willingness to study this course. After the talk, there was an elaborate interaction session. Queries from participants were answered by the resource person in the discussion forum.



## SREE NARAYANA COLLEGE, KOLLAM

Accredited by NAAC with A Grade & Atal Ranking 'A' Band)
PG AND RESEARCH DEPARTMENT OF HINDI ORGANIZE

# NATIONAL SEMINAR ON HINDI COMPUTING

Resource Person: Dr. Premanvelloth
(Retd. Professor & Advocate)



Date: 15-01-2021 Time: 10.30 am

**Venue: G2 Seminar Hall** 

## **Organising Committee**

Dr. P.G. Sasikala (HOD)

Dr. Shaji. N

Dr. Bindhukala P.N.

Dr. Mahesh. S

Dr. Manju K.N.

Dr. Pavana C.G.

Dr. Soorya E.V.

Dr. Athira J.S.







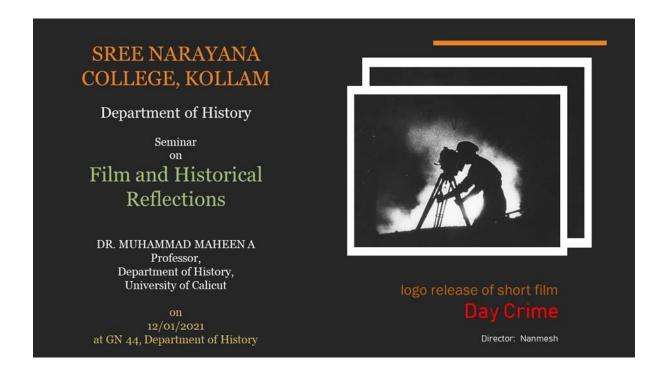




### **REPORT**

Seminar on

## Film and Historical Reflections



Department of History organised a seminar on **Film and Historical Reflections** at GN 44 12-01-2020.Prof. (Dr.) Muhammed Maheen delivered a relevant talk in this regard. He explicated the correlation of film and History and how far film is useful as an apparatus for reinterpreting history. He exemplified the interconnectedness of film and history with the Malayalam Movies like

Pazhassi Raja, Parinayam, Gaddhama, Aranyakam, 1921 and so on. By attending the seminar our students realised the thematic representation of social, political and economic circumstances of our past through films. After the talk question hour was also held for clearing the doubts of students. In connection with the seminar, logo release of a short film titled as **Day Crime** directed by Nanmesh, II MA Student was also conducted.







## Report

#### Seminar on

## CAREER RELATED PROGRAMME ON CV WRITING SEMINAR



## CAREER RELATED PROGRAMME ON C V WRITING SEMINAR



Faculty
Department of History

on 12/01/2021 at GN 45, Department of History

## Educational Spaces in Abroad: A Discussion

A Department level programme for enriching the academic standards of the graduate and post graduate level students conducted in the department of History on 10-01-2021 at GN 44. All the faculties of the department shared the information and experiences in this regard under the initiative of Dr Savitha K, HOD, Department of History. By this venture our students became able to understand how to get admission

in the universities abroad and what are the different criteria that they have to follow while forwarding application to various universities. They also understood about the show money and scholarships offered by these universities.





#### CRITERIA 3.2.1

#### INNOVATION ECOSYSTEM

Innovation ecosystems create an active flow of information and resources for ideas to transform into reality. Such a system supports the building process of innovators. Economic agents and relations, non-economic components such as technology, institutions, sociological interactions and culture facilitate idea-making, innovation and the diffusion of such innovations.

The institution follows Innovation ecosystems so as to create an active flow of information and resources for ideas to transform into reality. The Department of Philosophy promotes a building process by which more innovators and entrepreneurs can develop and launch solutions to solve real-world problems, faster. The Department's objectives include strengthening knowledge generation, facilitating better exposure through national and international seminars and workshops aimed at creating an ecosystem favourable for innovation and growth. The faculties are encouraged to publish research papers in peer reviewed journals.

The Department of Philosophy consist of three faculties. All of the faculty hold PhD Degree. The topics of research of the faculty were innovative and transform relevant information through them. The faculty is equipped with innovative ideas to formulate economic and non-economic values for the student's career and for public too. The faculty are keen in participating training programmes of newer technologies and teaching methodologies. The department also conduct national webinars, training programmes, online teaching practices along with traditional teaching methods. The department has started UGC recognised certificate course in Yoga and stress management to students including affiliated students from outside the campus. This venture will help them in bringing self confidence, mental health, physical health, motivation and boldness in facing life situations.

The ventures of the department are innovative in such a way that scholars are made efficient on new developments in the society and encourage them to involve in start-ups and building a career amidst fewer available resources. The value of such an innovation ecosystem lies in the access to resources for the start-ups and the flow of information for the ecosystem's stakeholders. This information flow creates more opportunities to get connected with the right ideas for their portfolios, at the right time, for the right reasons. It develops and launches solutions to solve real-world problems, faster.

## Department has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Strong Academics, Industry relevant training, Emerging technology knowledge through R&D and Professional mindset with human approach are the essential attributes that determine the success of our department. Our Department consists of 13 faculties, out of which six faculties hold Ph.D. and five of them doing Ph.D. Physics Department is a recognized research Centre under University of Kerala. Department of Physics offers three courses namely B.Sc. Physics, M.Sc. Physics and Career Related B.Sc. Physics and Computer applications. There were 11 students were undergoing Ph.D. work under five recognized Research guides. Our Department highly encouraging and promoting in-house Academic Research activities. All MSc. projects were carried out in our research lab under the guidance of faculties. In 2020-21, we published 09 papers in various reputed journals. Our Department consists of two Physics labs and a Computer lab.

Our Department has an Incubation Center where in students and faculty participate and organize events such as Leadership Talks Series, Ideation Sessions. An LED Assembling and Fabrication Unit is formed in association with PTA. We were also given training to students and public for making sanitizer under Incubation Centre. An academic collaboration is established with Physics department of TKM College of Arts and Science and SD College, Alappuzha. Under the MOU, we are working towards the development of innovative projects of students in material Science and Astrophysics. we also work with reputed industries to forge alliance to offer consultancy and advance training programs in the emerging fields which necessitates the faculty to take up Advance Research problems. In addition, to the abovementioned activities department conducts Student Innovative Idea competition every semester that is evaluated by an appointed external committee comprising of industry experts and research lab scientists.

We also organized an international seminar in association with KSCSTE for supporting and promoting young faculties across the institute to do research in multi-disciplinary and inter disciplinary areas (**Report attached**). Nearly 25 papers were published in association with AIP. We organized an FDP about ICT Tools in association with KSCSTE to encourage the use of new techniques and softwares in teaching learning process (**Report attached**). We conducted 30 hrs certificate courses on Python and Micro Processor in association with TKM College of Arts and Science and SD College, Alappuzha. Department receives grand from KSCSTE, Trivandrum to support MSc projects. Physics Department also received grant from DST-FIST to buy new instruments for MSc and BSc lab. The instruments include Hall effect, Michelson Morley apparatus, Geiger counter, CRO, Function generator, Duel Power supply and power sources.

In order to create an innovative eco system, the department of Political Science employs a multifaceted strategy. The PG and Research department of Political Science is a prestigious department of the college and has been excellently functioning from its very inception. Out of the eight faculty members, three hold PhD and two are in the final stage of submission. The wellexperienced faculty is adequately equipped and qualified to provide a high-quality hub for knowledge transfer to its students and researchers. Research supervisors from other colleges are also affiliated to our department to promote high quality research output. The external as well as internal research supervisors are experts in innovative research mehods and are specialized in various fields of the discipline. The research topics include relevant areas varied from global to local political issues. Moreover, all final year UG and PG students do innovative researches as part of their curriculum. The research scholars and faculty members contribute their research papers to various reputed journals. Faculties of the department conducted awareness class on Gandhian relevance and Human Rights on various schools and colleges by cooperating with respective NSS Units. The faculties encourage the students to conduct debates and discussion on relevant political issues and thereby stimulating their thoughts and generating novel ideas. . Moreover, faculties served as mentor of youth camp conducted by community service organizations. The faculties are also keen in participating in training programs of innovative tools and technologies of teaching. The Department also conducts national webinars, online teaching practices along with traditional teaching methods. At the time of pandemic, the department was instrumental in minimizing the digital divide by introducing smart phones to students who were unfamiliar to it. The department was also keen in providing smart phones to some students who were not in a position to buy it and thereby brought them also a part of the innovative learning. The department conducted a certificate course on Indian Government and Politics . Students from all disciplines were highly benefitted from this as the topic is an integral part of almost all competitive examinations .

The Department of Political Science conducted a number of seminars and webinars during the last years. Especially during the time of Covid19 pandemic, the department conducted webinars in a frequent manner. The seminars and webinars focused on contemporary social and political issues like human rights, gender issues, media politics and so on. Accademicians, activists and media persons from various facets enriched our programmes with their novel ideas and knowledge. The Department conducted an innovative webinar on Intellectual Property Rights during the pandemic period. An intercollegiate elocution competition on relevant topic is being conducted every year in memory of Dr N Jayadevan, former faculty of the department.

The research scholars, guides, faculty members along with the U G and PG students Department of Political Science creates an innovative ecosystem and attempts for creating apolitically aware society. These programs and activities will be strengthened in the upcoming years.