



SANATANA DHARMA COLLEGE ALAPPUZHA

Affiliated to the University of Kerala
Reaccredited by NAAC with A+ grade



CRITERION: 1

Curricular Aspects

1.1.1

Methods in Curriculum Innovative Practices



CURRICULUM DELIVERY AND INNOVATIVE METHODS IN EDUCATION

Curriculum delivery

Curriculum delivery in contemporary education systems is increasingly moving away from traditional lecture-based methods to more dynamic and student-centered approaches. This shift is driven by the need to make learning more engaging, relevant, and effective in preparing students for real-world challenges. Here are some innovative methods being employed in curriculum delivery, focusing on projects related to the Indian knowledge system, skills enhancement workshops, peer learning methods, bridge courses, and student projects published in journals with ISBN numbers.

1. Projects on Indian Knowledge System

Integrating the Indian Knowledge System (IKS) into the curriculum is an innovative approach that helps students connect with the rich heritage and wisdom of India. This involves:

- **Interdisciplinary Projects:** Students undertake projects that blend traditional Indian sciences, arts, and philosophies with modern academic disciplines. For example, projects could explore the mathematical concepts in ancient Indian texts, the ecological wisdom of traditional agricultural practices.
- **Cultural Immersion:** Workshops with artisans, and interactions with scholars of IKS provide hands-on learning experiences. This approach not only enriches students' knowledge but also fosters respect for cultural diversity and heritage.

S.D. College, Alappuzha developed an online program "Ramayanavichar": 'A Textual Exploration with Interpretive Insights' to bridge the gap between academic and community knowledge about Indian culture and literature. The program focuses on Ramayana, a foundational epic in Indian literature, and explores its cultural and literary significance through interactive online sessions. It includes introductory sessions, readings with analysis by faculty or guest speakers, and open discussions for participants to share perspectives and interpretations.

By promoting an understanding of Indian cultural and literary heritage, the program aligns with the Indian Knowledge Systems (IKS) and promotes critical engagement with classical texts. This integration of IKS principles not only enhances cultural awareness but also supports the preservation and promotion of India's rich literary traditions.

S.D. College, Alappuzha's commitment to promoting cultural heritage and dialogue between communities through this program exemplifies the potential of online platforms and interactive formats in enhancing cultural awareness, critical thinking, and community engagement.






SANATANA DHARMA COLLEGE ALAPPUZHA

സനാതനധർമകോളേജ്@75
മലയാള - സംസ്കൃത വിഭാഗത്തിന്റെ
രാമായണ വിചാരം

രാമായണം:
പാഠവും പൊരുളും - 22.

ആരണ്യപ്രവേശം
വായന, വിശകലനം

ജുലായ് 28 രാത്രി 9



ഷാജി മുജാതി
ഏവർക്കും സ്വാഗതം

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സീതാന്വേഷണം
വായന - കുമ്മാരി.നനിനി പണിക്കർ

വിശകലനം

ആഗസ്റ്റ് 7 രാത്രി 9



ആര്യാ എസ് വിജയൻ
ഏവർക്കും സ്വാഗതം

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രാമായണ വിചാരം

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ശബര്യശ്രമപ്രവേശം
ഹനുമൽ സമാഗമം
വായന, വിശകലനം

ആഗസ്റ്റ് 2 രാത്രി 9




സതീഷ് ആലപ്പുഴ
ഏവർക്കും സ്വാഗതം

സനാതനധർമകോളേജ്@75
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രാമായണ വിചാരം

രാമായണം:
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ബാലീസ്യഗീവ യുദ്ധം
വായന
അഞ്ജന മുന്നാഹർ
വിശകലനം

ആഗസ്റ്റ് 9 രാത്രി 9



രാലു ഇളയിടത്ത്
ഏവർക്കും സ്വാഗതം

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രാമായണ വിചാരം

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പാഠവും പൊരുളും - 7

ലക്ഷ്മണോപദേശം
വായന - കുമ്മാരി സഞ്ജന
വിശകലനം

ജുലായ് 23 രാത്രി 9



ഡോ.സുനിൽ മാർക്കോസ്
ഏവർക്കും സ്വാഗതം

സനാതനധർമകോളേജ്@75
മലയാള - സംസ്കൃത വിഭാഗത്തിന്റെ
രാമായണ വിചാരം

രാമായണം:
പാഠവും പൊരുളും - 24

രാവണ വിരീഷണ സംവാദം
വായന - സ്വാതി ബി നായർ
വിശകലനം

ആഗസ്റ്റ് 9 രാത്രി 9



ജുവ്വിൻ.സി.എം
ഏവർക്കും സ്വാഗതം

സനാതനധർമകോളേജ്@75
മലയാള - സംസ്കൃത വിഭാഗത്തിന്റെ
രാമായണ വിചാരം

രാമായണം:
പാഠവും പൊരുളും - 25

സേതുബന്ധനം
വായന, വിശകലനം

ആഗസ്റ്റ് 10 രാത്രി 9



രജിത്ത് പാണോട്
ഏവർക്കും സ്വാഗതം

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മലയാള - സംസ്കൃത വിഭാഗത്തിന്റെ
രാമായണ വിചാരം

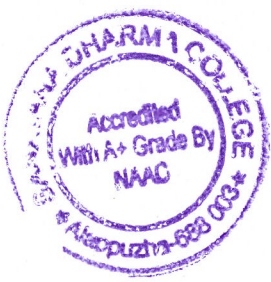
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പാഠവും പൊരുളും - 28

രാമ-രാവണ യുദ്ധം
വായന - ബിന. എം.വി
വിശകലനം

ആഗസ്റ്റ് 13 രാത്രി 9



ബിനു വിശ്വനാഥൻ
ഏവർക്കും സ്വാഗതം





2. Skills Enhancement Workshops

Skills enhancement workshops are designed to equip students with practical skills that are essential for their academic and professional success. These workshops can cover a wide range of areas, including:

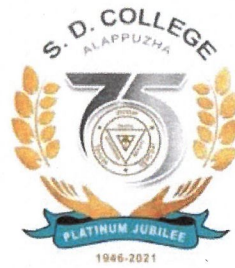
- Technical Skills: Workshops on Excel, LateX, DFT Origin etc
- Soft Skills: Communication, teamwork, leadership, and problem-solving workshops.
- Creative Skills: Art, drama, and creative writing workshops that encourage self-expression and innovation.

These workshops often involve industry professionals and experts who provide real-world insights and mentorship.





SANATANA DHARMA COLLEGE ALAPPUZZHA



PLATINUM SANATANAM SANATANA DHARMA COLLEGE, ALAPPUZZHA

(Re-accredited by NAAC with A+ Grade)

THEATRE CLUB

RESEARCH & POST-GRADUATE DEPARTMENT OF ENGLISH

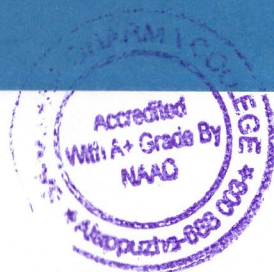


SANDRA

Inauguration of Club Activities 2021 - 22

2021 December 02   01:30 p.m.

Audio Visual Hall





SANATANA DHARMA COLLEGE
ALAPPUZHA

DEPARTMENT OF MICROBIOLOGY
SANATANA DHARMA COLLEGE, ALAPPUZHA

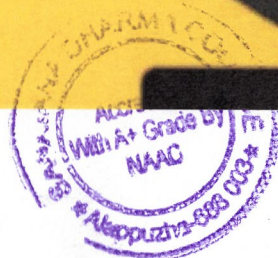
HANDS ON SKILL DEVELOPMENT
PROGRAMME

RESOURCE PERSON

Ms. Suma Seshadri
Assistant Professor
Department of Microbiology
S.D College, Alappuzha

Date : 3rd February 2023

VENUE : DEPARTMENT OF MICROBIOLOGY





3. Peer Learning Methods

Peer learning is a collaborative approach where students learn from and with each other. This method has several advantages:

- Peer Tutoring: Senior students or those with expertise in a particular subject tutor their peers, fostering a supportive learning environment.
- Group Projects: Students work in teams to complete projects, encouraging collaboration, communication, and collective problem-solving.
- Study Groups: Small groups of students regularly meet to discuss and review course material, enhancing understanding through discussion and explanation.

Peer learning leverages the social nature of learning, making it more engaging and effective.



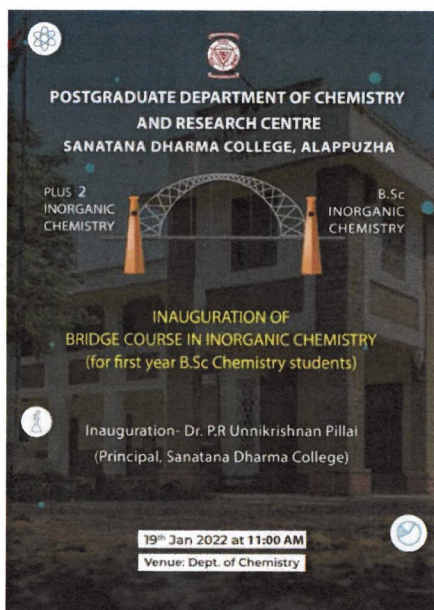


4. Bridge Courses

Bridge courses are designed to help students transition smoothly between different educational stages or disciplines. They are particularly useful for:

- **Subject Transition:** Helping students who switch majors or need to catch up on foundational knowledge in a new subject area.
- **Educational Level Transition:** Assisting students moving from high school to college or from undergraduate to graduate studies by providing preparatory courses that bridge gaps in knowledge and skills.

These courses ensure that students are adequately prepared for the challenges of their new academic paths.





5. Projects by students got published in UGC Care list Journals and in journals with ISBN Number

Encouraging students to undertake research projects and publish their findings in journals with ISBN numbers is a powerful way to foster academic rigor and scholarly communication.:

6/11/24, 5:03 PM Latest Issue - SDC Journal of Theoretical and Experimental Research

SDC Journal of Theoretical and Experimental Research
Department of Physics Journal

Latest Issue

Volume 01, Issue 02, June 2023

— 1. Citation Analysis On The Structure, Composition And Habitual Possibilities Of The Martian Atmosphere - Avani Premprakash, Ayushy Unnikrishnan, Ajeena A Rahim, Dr. Reenu Jacob, Dr. Sibi K S

Citation Analysis On The Structure, Composition And Habitual Possibilities Of The Martian Atmosphere

Avani Premprakash ^a, Ayushy Unnikrishnan ^b, Ajeena A Rahim ^b, Dr. Reenu Jacob ^a, Dr. Sibi K S ^{b*}

^a Department of Physics, CMS College Kottayam (Autonomous), Kerala 686001

^b Department of Physics, University of Kerala, Thiruvananthapuram 695581

* Corresponding author. Email address: sibi@keralauniversity.ac.in (Sibi K.S)

Abstract

The concerned study is an analysis of the Red Planet Mars's atmosphere and its various aspects in the past, present as well future and, thereby, the possibility of life on the planet, which has been done via the citation analysis of related journals and publications with keywords mars, Martian atmosphere, and life. The citation network developed by VOS Viewer is used for the statistical and conceptual analysis of the concerned papers. The studies of the Martian atmosphere have a significant impact on knowing the atmospheric compositions and dust storm activities in the Martian atmosphere. This work can be a

<https://sdjotjer.w/index.php/latest-issue/> 1/2

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valuable reference for further investigation in the field for having a smooth experimental and habitual environment.

[Read full article >](#)

+ 2. A study on Structural and Optical properties of Sr₃(VO₄)₂ ceramic - B. Vasanthi, N. Gopakumar, P. S. Anjana

+ 3. Effect of RF power on the structural, morphological and optical properties of RF sputtered zinc oxide thin films - Sreeja Sreedharan. R

+ 4. Observed Changes in the Convective Parameters over Chennai - Athira Sasikumar and Veena Suresh Babu

+ 5. Green synthesis of Nickel Oxide Nanoparticle for the Adsorption of Water Pollutants - Sreelekshmi A, Rajalakshmi Soman, Anagha Ravi, Darsana S, Prema K H





Cytotoxicity and Molecular Docking to Histone Deacetylase of Phytochemicals from *Ventilago denticulata* Leaves

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SURARON SAENSOUK⁴ and MONGKOL NONTAKITTICHAROEN^{1*}

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Received: 2 September 2023;

Accepted: 10 October 2023;

Published online: 31 December 2023;

AJC-21480

Phytochemical investigations of the ethyl acetate and methanol extracts of *Ventilago denticulata* leaves resulted in the isolation of five flavonoids (**1-5**) and three anthraquinones (**6-8**). Their structures were characterized using spectroscopic techniques including UV-IR, ¹H NMR, ¹³C NMR and 2D NMR as well as mass spectrometry (MS). Among these, compounds **4** (rhamnetin) and **6** (frangulin B) emerged as potential HDAC inhibitors, displaying significant inhibitory activities against HeLa nuclear extract. Molecular docking with HDAC isoforms revealed their affinity, particularly for class II HDAC4 enzyme. Both compounds exhibited promising physico-chemical properties compliant with Lipinski's rule of five, indicative of their drug-like potential. *In vitro* antiproliferative assays demonstrated that compound **6** exhibited superior activity against HeLa, A549 and MCF-7 cancer cell lines with the IC₅₀ values ranging from 8.35 to 20.93 μM, whereas compound **4** showed reduced cytotoxicity in non-cancerous Vero cells. Furthermore, compound **6** was isolated from *V. denticulata* for the first time.

Keywords: *Ventilago denticulata*, Cytotoxicity, Molecular docking, Flavonoid, Anthraquinone.

INTRODUCTION

Histone deacetylase enzymes (HDACs) govern a pivotal epigenetic modification, modulating chromatin architecture by removing acetyl moieties from lysine residues on histone tails. This enzymatic action often produces a more compact chromatin state, leading to transcriptional repression. Unbalanced HDAC activity has been observed in many carcinomas, primarily attributed to the epigenetic inhibition of critical tumor suppressor genes. Studying and searching for active compounds that inhibit HDACs is thus one of the essential directions for effective anticancer drug development [1,2].

Ventilago denticulata Willd. (Rhamnaceae) is a climbing shrub commonly found in tropical and subtropical forests, native to several countries in Southeast Asia. It can be found in Myanmar,

Malaysia, Thailand, the Philippines and other Asian countries. In traditional Thai medicine, the plant is recognized for its multitude of pharmacological attributes and associated therapeutic advantages [3,4]. The leaves are used for their antihypertensive, hypocholesterolemic and hypoglycemic properties. The vines are employed for their efficacy in alleviating muscular pain, while the stem barks are utilized for analgesic purposes. Furthermore, the roots serve as an expectorant. Previous phytochemical studies on *V. denticulata*, also known as *V. calyculata*, have revealed a range of bioactive constituents such as anthraquinones, naphthalene derivatives, benzisochromanquinones and flavonoids [4-9]. These compounds have exhibited various bioactivities, including antioxidant, cytotoxic, antibacterial, anti-fungal and inhibitory actions on phosphodiesterase and acetylcholinesterase [4,7-9]. In our pursuit of bioactive compounds

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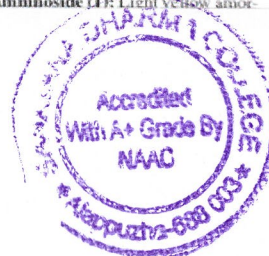
from Thai medicinal plants, we present the isolation and characterization of phytochemicals from the leaves of *V. denticulata* by chromatographic methods. We further also investigated their potential cytotoxicity as histone deacetylase inhibitors.

EXPERIMENTAL

IR spectra were obtained from a Bruker Tensor 27 FT-IR spectrophotometer (Bruker, Germany) and the vibration bands were expressed in wavenumbers. The UV spectra were recorded on a Specord 200 plus double-beam spectrophotometer (Analytik Jena, Germany) and adsorptions were measured from 100 to 800 nm. NMR spectra were measured on a Bruker AVANCE NEO (400 MHz) spectrometer (Bruker, Germany) and the chemical shifts were reported in parts per million (ppm). HRESITOF mass

M_n). Precipitates in fractions $M_{6,2}$ and $M_{6,3}$ were filtered out and then recrystallized from MeOH to yield compound **6** (38.8 mg) and **1** (103.5 mg), respectively. Filtrate of M_6 was further separated over silica gel CC, gradient eluted with EtOAc:MeOH (100:0-0:100 v/v) to yield seven fractions ($M_{6,1}$ - $M_{6,7}$). Fraction $M_{6,1}$ was separated over Sephadex LH-20 CC, eluted with MeOH to yield four fractions ($M_{6,1,1}$ - $M_{6,1,4}$). The precipitate of $M_{6,1,2}$ was filtered out and then recrystallized from MeOH to afford compound **4** (13.7 mg). Fraction $M_{6,2}$ was separated over Sephadex LH-20 CC, eluted with MeOH to give six fractions ($M_{6,2,1}$ - $M_{6,2,6}$). The precipitates of fractions $M_{6,2,3}$ and $M_{6,2,4}$ were filtered out and then recrystallized from MeOH to furnish compounds **2** (36.2 mg) and **7** (3.2 mg), respectively.

Rhamnazin-3-O-rhamnoside (1): Light yellow amor-






6. Interactions with scholars


Various Departments conducted lecture series to commemorate the Platinum Jubilee year of the College. This initiative likely features a variety of topics relevant to Malayalam and English language, literature, and culture, celebrating 75 years of the institution's history and academic contributions.

P.G. DEPARTMENT OF ENGLISH
SANATANA DHARMA COLLEGE,
ALAPPUZHA (Re-accredited by NAAC with A+ Grade)



THE WEB OF WISDOM

ENGLISH SDC WEBINAR SERIES 2020-21



Lecture II
"Post-human Imaginaries"
by Dr T T. Sreekumar

Tuesday, 20th October 2020 at 2.30 pm

Registration Link : <https://forms.gle/ArzuSN1ctNjs64Fn9>

THE WEB OF WISDOM
ENGLISH SDC WEBINAR
SERIES 2020-21

Humans have transacted their knowledge about the world for centuries through language, be it science, philosophy, religion or story. Literature embodies the imaginative recreations of human knowledge and experience. As life challenges us in previously unimaginable ways, we re-think, re-form and re-write our responses to life on the planet, coming together in the virtual space to share ideas, debate endlessly and expand our narratives creatively.

The P.G. Department of English, S. D. College, Alappuzha, is in its 55th year, with an eventful history of academic dialogue and creative interactions among its teachers, students and the general public. We proudly announce the launch of the Monthly Lecture Series, "THE WEB OF WISDOM, ENGLISH SDC 2020". The topics on the anvil are:

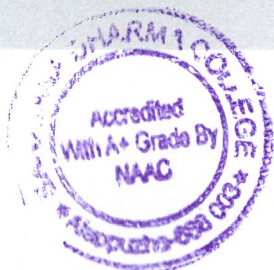
- The Anthropocene
- Environmentalism and Climate fiction
- Pandemic literature
- Culture Studies
- The Post Human
- Literature in the digital world
- Trauma Studies
- Language Teaching Methodologies
- Skilling and Career Options

Eminent scholars and academicians will be sharing their insights, experience and expertise with us in the coming months. The faculty and students of Team English SDC invite all those who are interested in the perpetually energizing intellectual debates of the global academic community, to come and get ensnared in the "Web of Wisdom".

Webinar Series Co-ordinator
Dr Bindu Nair, Assoc. Professor

Head of the Department
Dr Leena Pai, Assoc. Professor

Co-ordinating Team
Dr E. Krishnan Nampoothiri, Assoc. Professor
R. Karthika, Asst. Professor
M. Saritha, Asst. Professor
Aswathy S, Asst. Professor
Student Coordinators
Jeena Johnson, II M A English
Gopika V S, II B A English





**Lecture II on Tuesday,
20th October 2020 at 2.30 pm**

"Post-human Imaginaries"
by **Dr T T Sreekumar**

The dawning Post- human era and the Artificial Intelligence take over have triggered questions on human ontology in an unprecedented manner. The fear that the era of organic intelligence ends and AI will supplant us posits the existence of humans as mere transient precursors to a world of machines. The transformation might be prolonged as the billions of years of Darwinian selection that preceded humanity's emergence. The far future will bear traces of humanity, just as our own age retains influences of ancient civilisations. The lecture will attempt to look at the posthuman as an emergent, drawing on the fictional and technological trajectories that mark the post human turn in critical theory making it a philosophically unstable representation of our times.

Invited speaker : Dr. T T Sreekumar is an Indian writer, social and literary critic, and political analyst. He is currently working in The English and Foreign Languages University, Hyderabad as Head of the Department, at the School of Interdisciplinary Studies and also serves as the Director of EMMRC. He has worked as doctoral instructor in HKUST and has also served as a faculty of National University of Singapore. He is a bilingual author of several books and articles in Malayalam and English. His famous books include *ICTs and Development in India: Perspectives on the Rural Network Society*, *Utharadhunikakkappuram* (Beyond Postmodernism), *Charitrvam Adhunikathayum* (History and Modernity), *Civil samoohavum idathupakshavum* (Civil Society and the Left), *Nava Samoohikatha* (New Sociality), *Vayanayum Prathirodhavum* (Reading and Resistance), etc. He pens a fortnightly column, 'Naalaam Kannu' in Madhyamam since 2013.

Sanatana Dharma College, Alappuzha is an illustrious Arts and Science college that has left an indelible imprint on the educational, intellectual and cultural scene in Alappuzha from 1946. Affiliated to the University of Kerala, it has 11 teaching departments offering 13 UG courses and 9 PG courses, and 6 departments are Research Centres. The Management and faculty together provide the latest educational solutions, ensuring global competency and holistic developments of its students. The college was re-accredited with A+ grade and 3.53 CGPA by NAAC in 2017. The IQAC of the College is committed to initiate the best practices among the faculty and students and to mould citizens with academic excellence and social commitment.

The P.G.Department of English is at the forefront of the college, with active and committed interventions in teaching the English language, literature and culture to all students of the college for more than 50 years. The department is equipped with a language lab and had conducted the ASAP programme for five years with Five Star status. Two UG courses and one P.G. course are offered- B.A.English, B.A. Communicative English and M.A. English.

Contacts

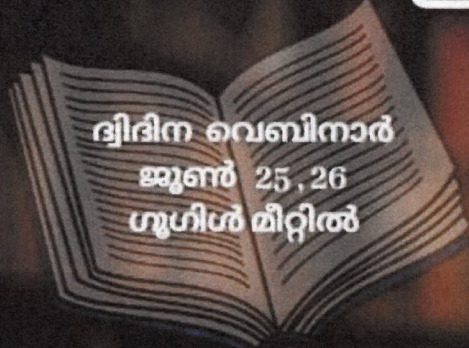
HoD : Dr. Leena Pai (9495119451)
Webinar Series Co-ordinator : Dr. Bindu Nair (9447200718)
Assistant Co-ordinator : R. Karthika (9048343944)
Technical Co-ordinator : M. Saritha (7356556507)
Student Co-ordinators : Jeena Johnson, II M.A. (9567765998)
Gopika V S, II B. A. (9072190599)





എസ്.ഡി.കോളേജ്
അലപ്പുഴ
മലയാളവിഭാഗം

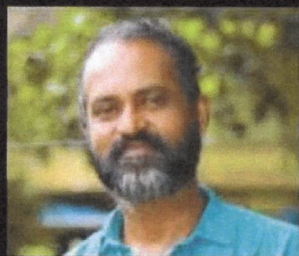
" വായന: ഇടവും ഇടവും "



25/06/2020 വ്യാഴം
11.30



26/06/2020 വെള്ളി
11.30



**വായനയുടെ
ഇടവയ്പ്പ്**

ഡോ. നിത്യ പി വിശ്വം

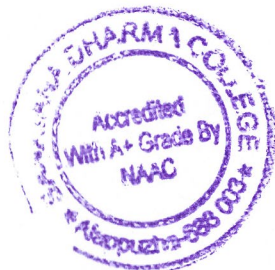
അസി. പ്രൊഫ മലയാള വിഭാഗം
എസ്.എൻ കോളേജ്, വർക്കല

ശ്രീനമപ്പുര എന്ന ഇടം

കെ .ബി അജയകുമാർ

തകഴി സ്മാരക സമിതി
സെക്രട്ടറി

വെബിനാർ നടക്കുന്ന ലിങ്കും മറ്റ് വിവരങ്ങളും പിന്നീട് അറിയിക്കുന്നതായിരിക്കും





SANATANA DHARMA COLLEGE ALAPPUZHA

7. Value Added Courses

Value added courses offered in association with National Skill Qualification Framework (NSQF) to update skills of students in Goods and Services tax System. The curriculum includes theoretical and practical sessions.



SANTANA DHARMA COLLEGE, ALAPPUZHA

Affiliated to University of Kerala, Re-accredited with A+ grade by NAAC

Admission Notification 2020-21

ബഹുമാന്യരെ,
എസ് ഡി കോളേജ് ആലപ്പുഴയിൽ ഈ അക്കാദമിക് വർഷം യു.ജി.സി അംഗീകാരത്തോടെ പുതുതലമുറ കോഴ്സുകൾ ആരംഭിക്കുന്നു.

Sl. No.	Programme	Trade/Courses	Duration	Eligibility	Application Registration Link
1.	Certificate	Goods and Service Tax-Accounts Assistant	6 months	10, +12	https://forms.gle/qKa9uCVYEbfZrxoE9
2.	Certificate	Equality Dealership	6 months	10, +12	

HOW TO APPLY :

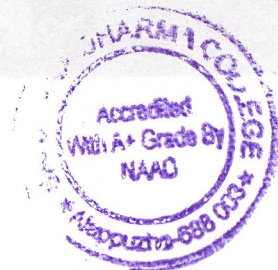
- Candidates can apply online by clicking/ touching the respective registration link.
- Last date for submission of application is 10/12/2021.
- No age limit for applying.
- Selection will be based on marks of Qualifying exam.

For further enquiries, kindly contact : 9446536514

വളരെ അധികം തൊഴിൽ സാധ്യതയുള്ള ഈ കോഴ്സുകൾക്ക് അടിസ്ഥാന വിദ്യാഭ്യാസം 10, +12 മാത്രമാണ്, പ്രായപരിധിയില്ല. താല്പര്യമുള്ളവർ 10/12/2021 നകം ഓൺലൈനിൽ അപേക്ഷിക്കുക

വിശദ വിവരങ്ങൾക്ക് കോളേജ് വെബ്സൈറ്റ് സന്ദർശിക്കുക

<http://www.sdcollege.in/>



Principal

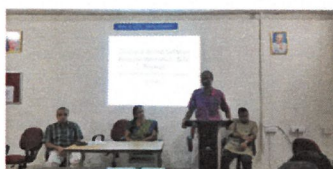


8.OBE Workshop

One Day Workshop on Outcome based Syllabus revision – first of its kind in Alappuzha District addressed pedagogical measures related to higher education, Outcome based Education (OBE), Course design, Instructional Design and Assessment for Good Learning.



Adv.K.H. Babujan, Syndicate member, UoK inaugurating the function



Presidential address by Dr.P.R.Umnikrishna Pillai, Principal, S.D. College



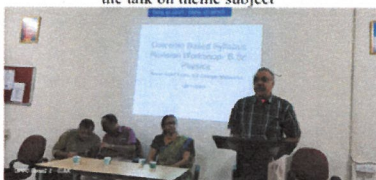
Welcome speech by Dr.T.R.Sherly, H.O.D, Dept. of Physics



Dr.Rakesh Chandran S.B, Coordinator, delivering the talk on theme subject



Felicitations by Prof. R.Indulal, Academic Council member, UoK and Dr.G.Nagendra Prabhu, IQAC member, SD College



Dr.Sreekanth J Varma, Asst. Professor of Physics, S.D College delivering vote of thanks



Interaction session





9. E-Content Development

Effective e-content engages learners, supports diverse learning styles and provides measurable outcomes thereby enhancing blended learning environment. Students and teachers have created e-content to facilitate active learning. Team collaboration application named Microsoft Teams was used for Online Live Sessions and file storage. Whole students of the college were enrolled by the admin of the college giving the students separate login ID and password. Students became active participants in the teaching learning process.

Applications of Marginal Costing Problems

	A	B	C	D	E	F
1	Variable Cost per unit	500		Income Statement for 5000 units		
2	Fixed Cost	500000		Sales	5000000	
3	Plant Capacity	10000 units pa		Less Variable Cost	2500000	
4	5000 units	1000 pu		Contribution	2500000	
5				Less Fixed Cost	500000	
6				Profit	2000000	
7						
8	Income Statement for 10000 units					
9	Sales					
10	Less Variable Cost					
11	Contribution					
12	Less Fixed Cost	500000				
13	Profit	2000000				
14						

9:08 / 1:01:00

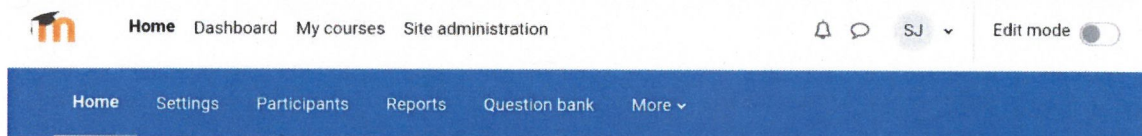
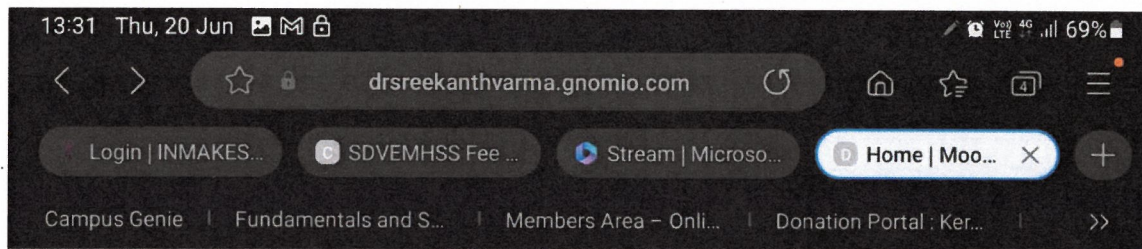
Create a Course in MOODLE -Part 1

General Introduction of MOODLE as LMS (Learning Management System)

Dr. Rakesh Chandran S.B
Assistant Professor of Physics
Sanatana Dharma College,
Alappuzha
Ph: 9446252335
rakwin@gmail.com

2:59 / 9:32





PH 232: Atomic and Molecular Spectroscopy

The course is designed for the Semester 3 students of MSc Physics course in the affiliated colleges under the University of Kerala.

Topics:

Raman Spectroscopy

NMR Spectroscopy

ESR Spectroscopy

Mossbauer Spectroscopy



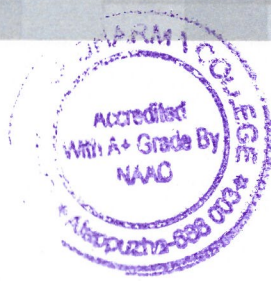
PH 232: Advanced Spectroscopy (FOR TESTING)

NMR Spectroscopy

ESR Spectroscopy

Mossbauer Spectroscopy

Raman Spectroscopy





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physics 1 Sem BSc Chemistry 2021-23	Jul 30, 2022	Aswin Das SBSc Chem	
physics assignment march 20 1 Sem BSc Chemistry 2021-23	Jul 30, 2022	Aparna SBSc Chem22	
physics assignment			

Dr.SREEKANTH J VA...
drsreekanthvarma@sdcollege...
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Complete Electricity Chapter 1 S3 Chem (Sub)		Dr.SREEKANTH J VARMA





<https://www.youtube.com/@harikrishnannamboothiry7830>

<https://www.youtube.com/@SDCBScPhy->

B. Sc. Tour Report
A VIRTUAL VISIT TO
TARAPUR NUCLEAR POWER STATION

Submitted in partial fulfilment for the award of the degree of
Bachelor of Science in Physics

Submitted by:

Harikrishnan Namboothiry N

(Reg. No. 23019125028)

B. Sc. Physics (2019-22)

Sanatana Dharma College, Alappuzha

March 2022





CERTIFICATE



This is to certify that the report entitled 'A VIRTUAL VISIT TO TARAPUR NUCLEAR POWER STATION' is a bonafide record of the virtual tour by Harikrishnan Namboothiry N, in partial fulfilment for the award of the degree of Bachelor of Science in Physics from the University of Kerala for the year 2022.

Smt. Manju. V.
(Tutor)

Dr. S. Lekshmi
(Head of the Department)

Place: Alappuzha

Date:





10. Remedial Coaching

Remedial sessions-Remedial classes with emphasis on exam-oriented training were conducted for different subjects. The difficult areas have been identified as per students request and students have been trained. Diagnostic tests are conducted on a regular basis to have an assessment design and provide scope for continuous improvement.

Academic year: 2022-2023

Tutor: Dr Dhanya V

Batch: 2020-23

Semester: 6

Paper title: Biosafety in microbiology

Topic: biological risk assessment and management

No	Name of the student	Date
1	Aksa Raju	
2	Muhammed Ayoob	12 Jan 23
3	Melvin	
4	Pranav	13 Jan 23
5	Varun	
6	Sangeetha	

Paper title: Biosafety in microbiology

Topic: biosafety guidelines

No	Name of the student	Date
1	Aksa Raju	
2	Muhammed Ayoob	30 Jan 23
3	Melvin	
4	Pranav	7 Feb 23
5	Varun	
6	Sangeetha	

Academic year: 2022-2023

Tutor: Dr Dhanya V

Batch: 2020-23

Semester: 5

Paper title: Instrumentation in microbiology

Topic: CD and ORD spectroscopy

No	Name of the student	Date
1	Anusree	
2	Aksa Raju	17 Nov 22





SANATANA DHARMA COLLEGE

ALAPPUZHA

Batch: 2021-24

Semester: 3

Paper title: Fundamentals of microbiology

Topic: Microscopy

No	Name of the student	Date
1	Sooraj Krishna	15 Dec 22
2	Hana	
3	Sameera	
4	Goutham Ramesh	16 Dec 22
5	Abhishek	
6	Kishore	
7	Veni	
8	Vahid	

