

NEWS LETTER FOR THE MONTH OF MARCH -2023



THE NEWS LETTER OF GOVERNMENT DEGREE COLLEGE, PORUMAMILA

YSR KADAPA DISTRICT, ANDHRA PRADESH

ESTD: 1981

MONTH:MARCH-2023

www.gdcporumamilla.ac.in



to

Dr. S.NARESH, Principal

BULLETIN :- Our college dictum “ VIDYAYAN SARVATHRA PUJYATE” signifies that Scholar is worshipped everywhere. This government degree college provides opportunities for all round development in students according to present context of globalization. We offer under graduate courses in six major groups create a large pool of employable man power. Teaching by professionals makes learning more personalized. The college faculty and staff are committed in engaging in collaborative and cooperative relationships for the purpose of excellence in the under graduate education.

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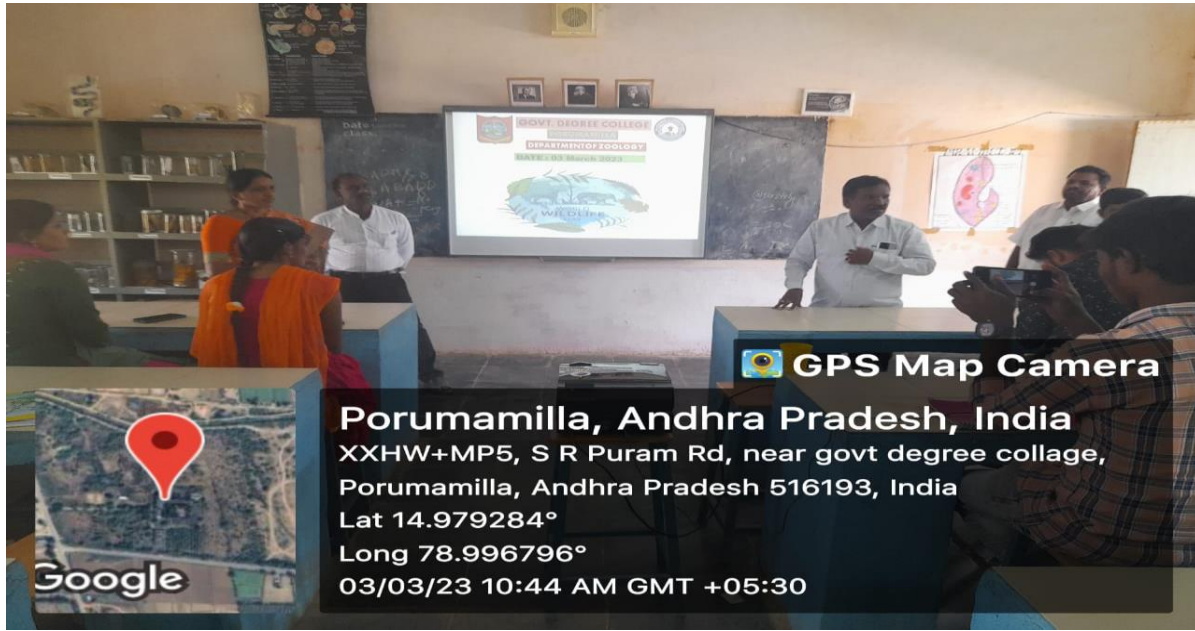
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1. WORLD WILD LIFE DAY -2023



World Wild life day was observed by the Dept of Zoology, on 3rd of march -2023 the staff members gave awareness to protect the wild animals from endanger. Students were enlightened by the presentation of Sri P .Sabitha, lecturer in Zoology

It is a United Nations International day to celebrate all the world's wild animals and plants and the contribution that they make to our lives and the health of the plant. This day was chosen as it is the Birth day Of CITES, the convention on International Trade in Endangered species of wild Fauna and Flora, signed 1973.

2. INTERNATIONAL WOMENS DAY

The women Empowerment cell celebrated **INTERNATIONAL WOMENS DAY** on March 8th in our college. Dr. Mrudula M.D. D.G.O of Poruumamilla is invited as chief guest .She gave awarenes about health issues to women candidates.

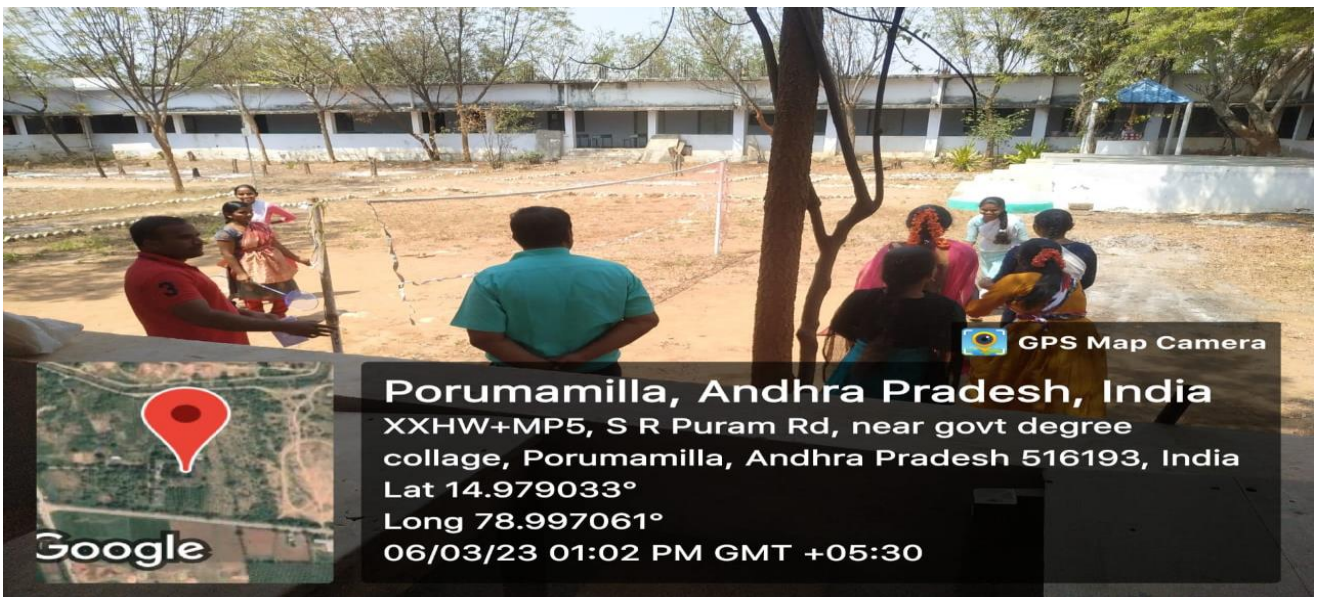
The programme was headed by an incharge principal Sri. S. Prakash garu. We conducted different competition like Rangoli musical chairs , Batmenton , shootput and singing competitions to the girls students. After that we distributed the prizes to the winners



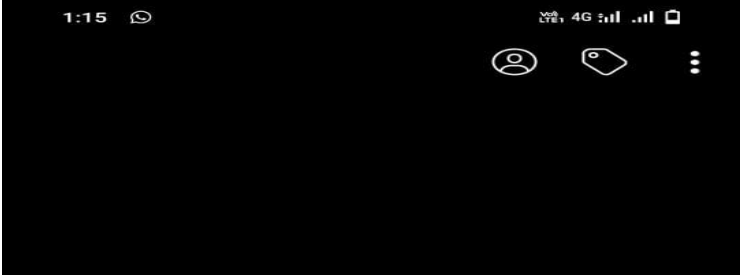
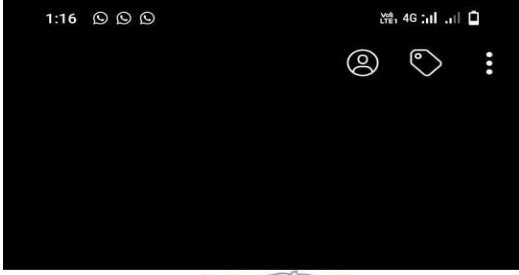
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Physical Director of our college Si. P .Narasimha Reddy took initiative part to conduct the games for girl students



వార్త

ప్రభుత్వ డిగ్రీ కళాశాలలో ప్రపంచ మహిళా దినోత్సవ వేడుకలు

పోరుమామిళ్ల రూరల్, మాల్కొ 7వ భాగ వార్త:

స్థానిక ప్రభుత్వ డిగ్రీ కళాశాలలో వైస్ చాన్సలర్ ఎస్. ప్రకాష్ రావు అధ్యక్షతన కళాశాల ఉమెన్స్ ఎంపవర్మెంట్ సెల్ కన్వీనర్ డాక్టర్ ఎం.వి. సులోచన అధ్యక్షంలో మంగళవారం ప్రపంచ మహిళా దినోత్సవ వేడుకలు ఘనంగా జరిగాయి. ఈ సందర్భంగా కార్యక్రమానికి ముఖ్య అతిథులుగా విచ్చేసిన పట్టణ ప్రముఖ మహిళా గ్రెనకాలజిస్ట్ డాక్టర్ వ్యధుల విద్యార్థినులను ఉత్తేజించి మాట్లాడుతూ మహిళలు నేటి కాలంలో అన్ని రంగాలలో పురుషులను ఓటుగా ఎన్నో అవరోధాలు అధిక్మించి అత్యుత్తమంగా రాణిస్తున్నారని, విద్యార్థినులు ధృఢ సంకల్పంతో ఉంటూ ఎదురయ్యే సమస్యలు అధిక్మిస్తూ ఉన్నత శిఖరాలను ఎడగాలన్నారు. ఈ కార్యక్రమంలో డాక్టర్ ఎం. సులోచన, పి. నవితా, గురవమ్మ, జి.సి. వీరయ్య, ఎస్. మల్లికార్జున, బండి ఈశ్వరయ్య, ఎస్. మధు, జి. నరసింహారెడ్డి, కళాశాల విద్యార్థినులు పెద్ద సంఖ్యలో పాల్గొన్నారు.



Date: 08/03/2023, Edition: Kadapa(Kadapa Dist), Page: 4
Source : <https://epaper.vardha.com/>

సూర్య

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డిగ్రీ కళాశాలలో ఘనంగా ప్రపంచ మహిళా దినోత్సవ వేడుకలు

పోరుమామిళ్ల రూరల్ : పోరుమామిళ్లలోని స్థానిక ప్రభుత్వ డిగ్రీ కళాశాలలో మంగళవారం వైస్ చాన్సలర్ ఎస్ ప్రకాష్ రావు అధ్యక్షతన కళాశాల ఉమెన్స్ ఎంపవర్మెంట్ సెల్ కన్వీనర్ డాక్టర్ ఎం వి సులోచన అధ్యక్షంలో ప్రపంచ మహిళా దినోత్సవ వేడుకలు ఘనంగా జరిగాయి. ఈ సందర్భంగా కార్యక్రమానికి ముఖ్య అతిథులుగా విచ్చేసిన పట్టణ ప్రముఖ మహిళా గ్రెనకాలజిస్ట్ డాక్టర్ వ్యధుల విద్యార్థినులను ఉత్తేజించి మాట్లాడుతూ మహిళలు నేటి కాలంలో అన్ని రంగాలలో పురుషులను ఓటుగా ఎన్నో అవరోధాలు అధిక్మించి అత్యుత్తమంగా రాణిస్తున్నారని, విద్యార్థినులు ధృఢ సంకల్పంతో ఉంటూ ఎదురయ్యే సమస్యలు అధిక్మిస్తూ ఉన్నత శిఖరాలను ఎడగాలన్నారు. ఈ కార్యక్రమంలో డాక్టర్ ఎం. సులోచన, పి. నవితా, గురవమ్మ, జి.సి. వీరయ్య, ఎస్. మల్లికార్జున, బండి ఈశ్వరయ్య, ఎస్. మధు, జి. నరసింహారెడ్డి, కళాశాల విద్యార్థినులు పెద్ద సంఖ్యలో పాల్గొన్నారు.



Yambadi Eswar
6 HOURS AGO

Like Comment

Yambadi Eswar
6 HOURS AGO

Like Comment

విశాలాంధ్ర

ఘనంగా మహిళా దినోత్సవ వేడుకలు

విశాలాంధ్ర-పోరుమామిళ్ల : స్థానిక ప్రభుత్వ డిగ్రీ కళాశాలలో వైస్ చాన్సలర్ ఎస్. ప్రకాష్ రావు అధ్యక్షతన కళాశాల ఉమెన్స్ ఎంపవర్మెంట్ సెల్ కన్వీనర్ డాక్టర్ ఎం.వి. సులోచన అధ్యక్షంలో ప్రపంచ మహిళా దినోత్సవ వేడుకలు ఘనంగా జరిగాయి. ముఖ్య అతిథులుగా విచ్చేసిన పట్టణ ప్రముఖ మహిళా గ్రెనకాలజిస్ట్ డాక్టర్ వ్యధుల విద్యార్థినులను ఉత్తేజించి మాట్లాడుతూ మహిళలు నేటి కాలంలో అన్ని రంగాలలో పురుషులను ఓటుగా ఎన్నో అవరోధాలు అధిక్మించి అత్యుత్తమంగా రాణిస్తున్నారని, విద్యార్థినులు ధృఢ సంకల్పంతో ఉంటూ ఎదురయ్యే సమస్యలు అధిక్మిస్తూ ఉన్నత శిఖరాలను ఎడగాలన్నారు. ఈ కార్యక్రమంలో డాక్టర్ ఎం. సులోచన, పి. నవితా, గురవమ్మ, జి.సి. వీరయ్య, ఎస్. మల్లికార్జున, బండి ఈశ్వరయ్య, ఎస్. మధు, జి. నరసింహారెడ్డి, కళాశాల విద్యార్థినులు పెద్ద సంఖ్యలో పాల్గొన్నారు.

Date: 08/03/2023, Edition: 100(Kadapa), Page: 1
Source : <https://epaper.visalaandhra.com/>

3. "WORLD CONSUMER RIGHTS DAY" ON 15.03.2023.

The Departments of Commerce and Economics conducted "The World Consumers Rights Day" by the supervision of P Srinivasulu Lec.In Commerce under the chairmanship of Principal Dr.S.Naresh garu at Government Degree College, Porumamilla.

Senior journalist Gurivi Reddy garu was the chief guest address the students Created awareness on consumer rights and responsibilities. He said that the customer is the cornerstone of the business world and He asked the students to educate people of your surroundings on consumer rights, responsibilities and protection law's of consumer. Other teaching staff and non teaching staff and students participated in this program.



సాక్షి

వినియోగదారుల చట్టాలపై అవగాహన అవసరం

పోరుమామిళ్ళ: వినియోగదారుల చట్టాలపై ప్రతి ఒక్కరికి అవగాహన అవసరమని ప్రభుత్వ డిగ్రీ కళాశాల ప్రెసిడెంట్ డాక్టర్ సరేష్, అధ్యాపకులు శ్రీనివాసులు, ఈశ్వరయ్య, సులోచన పేర్కొన్నారు. అంతర్జాతీయ వినియోగదారుల హక్కుల దినోత్సవాన్ని పురస్కరించుకుని వాణిజ్య, ఆర్థిక విభాగాల సంయుక్త అధ్యక్షులలో బుధవారం అవగాహన సదస్సు నిర్వహించారు. ఈ సందర్భంగా వారు మాట్లాడుతూ వినియోగదారులు మోసపోకుండా, నష్టపోకుండా బలమైన చట్టాలు ఉన్నాయన్నారు. తూకాల్లో మోసాలు, నకిలీ వస్తువులు, ప్రామాణికత లేకపోవడం కారణంగా వినియోగదారుల తీవ్రంగా నష్టపో



మాట్లాడుతున్న ప్రెసిడెంట్ సరేష్ తున్నారున్నారు. చట్టాలపై అవగాహన కల్పించే బాధ్యతను విద్యార్థులు తీసుకోవాలన్నారు. ఈ కార్యక్రమంలో యోగా మాస్టర్ గురివిరెడ్డి, అధ్యాపకులు సరసింహారెడ్డి, గురవల్లి, రవివంశీ, చైతన్య పాల్గొన్నారు.

Date: 16/03/2023, Edition: YSR Kadapa (Proddatur), Page: 9
Source : <https://epaper.sakshi.com/>

వార్త

ఘనంగా ప్రపంచ వినియోగదారుల హక్కుల దినోత్సవం

పోరుమామిళ్ళ రూరల్, మార్చి 15 ప్రభుత్వ వార్త:



పోరుమామిళ్ళలోని ప్రభుత్వ డిగ్రీ కళాశాలలో వాణిజ్య శాస్త్ర, ఆర్థిక విభాగాల సంయుక్త అధ్యక్షులలో ప్రెసిడెంట్ డాక్టర్ సరేష్ అధ్యక్షతన, కామర్స్ అధ్యాపకులు శ్రీనివాసులు వరప్రేక్షణలో బుధవారం అంతర్జాతీయ వినియోగదారుల హక్కుల దినోత్సవం జరిగింది. కార్యక్రమానికి ముఖ్యఅతిథిగా సీనియర్ పాత్రికేయులు పి. గురివిరెడ్డి పాల్గొని విద్యార్థులకు వినియోగదారుల హక్కుల గురించి అవగాహన కల్పించారు. విద్యార్థులు వినియోగదారుల హక్కుల రక్షణ చట్టాలను తెలుసుకొని వదిమందికి తెలియజేయాలన్నారు. కార్యక్రమంలో అధ్యాపకులు సులోచన, గురవల్లి, యంబది ఈశ్వరయ్య, సరసింహారెడ్డి, రవివంశీ, చైతన్య, అధ్యాపకులు, అధికారితర సిబ్బంది, విద్యార్థులు

Date: 16/03/2023, Edition: Kadapa(Kadapa Dist), Page: 4
Source : <https://epaper.vaartha.com/>

4. NATIONAL DEWORMING DAY (TABLETS DISTRIBUTION)

The National Deworming Day was observed under the N S S Activity. It is an initiative taken by the Government of India to deworm all the children across the nation in the age group of 1 to 19. Worms are parasites, which live in human intestines for food and survival. The worms consume nutrients meant for the human body and cause blood loss, poor nutrition and stunt growth. In this connection the near by PHC members from Tekurpet had come and illustrated the importance of the day. All the students and faculty took part in it and we're given deworm pills.



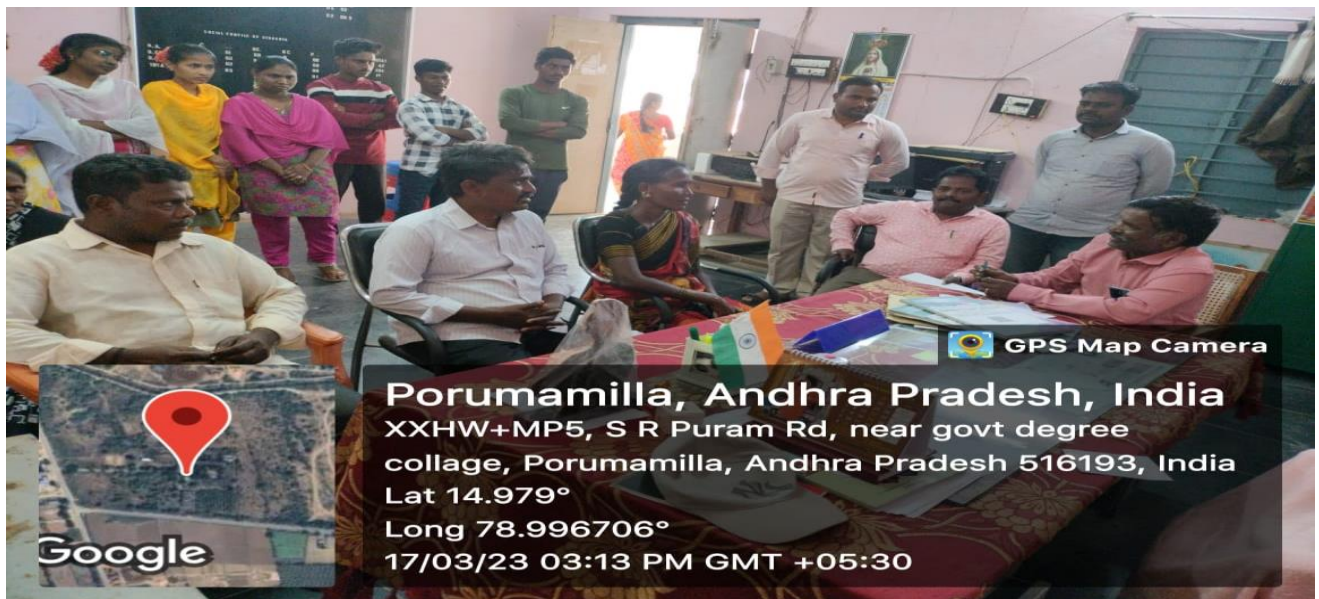
5. .SRI POTTI SREERAMULU JAYANTHI
CELEBRATIONS



On 16th of March 2023 we celebrated the birth day of sri potti sreeramulu in a grand manner. All the staff members and students took part in it . He was an indain freedom fighter and revolutionary. Potti sreeramulu is revered as amarajeevi in Andhra region for his self sacrifice for the Andhra cause .He did hunger stick for 56 days in support of having separate state for Andhra Pradesh .

6. PARENTS AND TEACHERS MEETING BY DEPT. OF PHYSICS

On 18th of March the Physics Dept of our college conducted the students and parents meeting. The Vice-principal Prakash Rao and Dr.K.Venkatrao Head of the department and Sri S. Madhu Babu lec.in physics arranged the meeting. Lecturers motivated the irregular students in front of their parents. The parents also assured the faculty to punish the students if they are irregular and not upto the mark. Lecturers briefed them about the government welfare schemes of the students from our college



**7. PAMPHLETS DISTRIBUTION AT IPE CENTRES& ADMISSION
CAMPAIGN AT JUNIOR COLLEGES**

GDC -Porumamilla is very much delighted to share that..we conducted distributing our college pamphlets at the local Intermediate Examination centers. There were six teams of faculty with convenors motivated the students at exam centers inorder to strengthen the college admissions for the coming academic year 2023-24.



NEWS LETTER FOR THE MONTH OF MARCH -2023



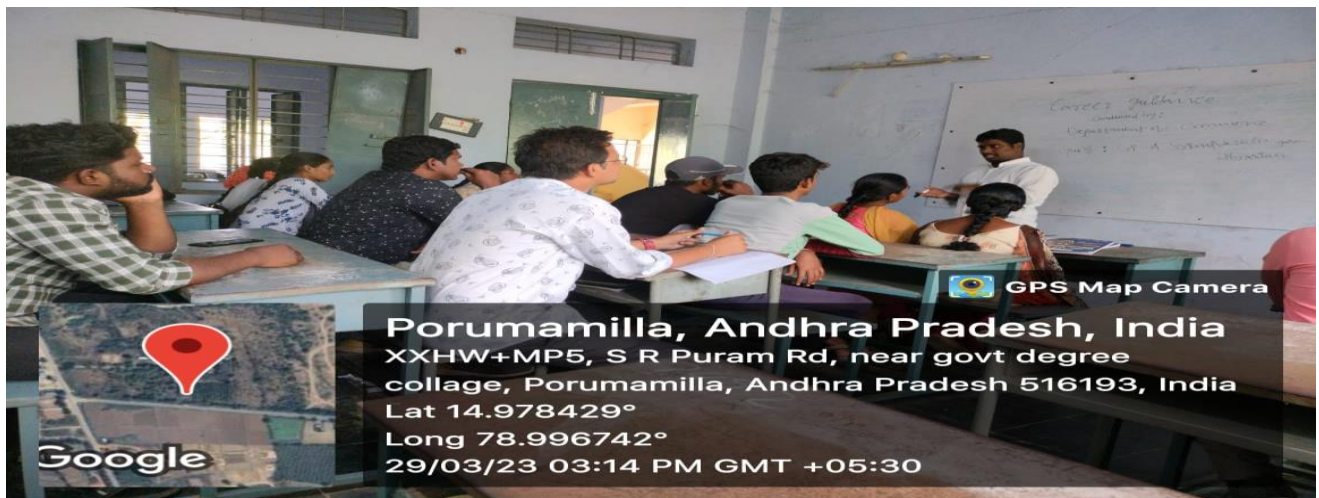
8.CAMPUS CLEANING BY N S S UNIT

The N S S Coordinator Sri S. Prakash Rao organised campus cleaning programme by the NSS volunteers of our college . After that they were given some snacks.



9. CAREER GUIDANCE BY DEPT.OF COMMERCE

On 29th March -2023 Dept of Commerce conducted carrier guidance programme under the guidance of Sri P.Srinivasulu HOD and Y.Eswaraiah Lecturer in commerce took an initiative role to prevent the students going from college in the afternoon sessions. In different days they conducted various classes with the availability of resource persons. The first day they conducted “Orientation on Library Sciences Resources and career Guidance” For BA & B.COM students. The Librarian of our college Sri.A.Sreenivasulu gave awareness on importance of library usage and Reading habit. Dept. In charge P.Srinivasulu also briefed them on “Career Guidance”.



STAFF ACHIEVEMENTS

Dr.K .Venkata Rao Lecturer in Physics of our college wrote an article to the JOURNAL OF MATTER SCIENCE ,MATTER ELECTRON and it was accepted and published on March 4th -2023

12:47 PM

J Mater Sci: Mater Electron (2023) 34:803

Bi₂O₃-B₂O₃-CaF₂-EuF₃ glass-ceramics for lighting applications

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ABSTRACT

The Bi₂O₃-B₂O₃-CaF₂-EuF₃ (BiBCEu) glass and glass-ceramics were prepared by controlled heat treatment method for orange-red laser sources and characterized through X-ray diffraction, Fourier transform infrared, Raman, transmission electron microscopy, photoluminescence excitation, emission and luminescence decay studies. Up on 396 nm excitation, the BiBCEu glass-ceramics containing Bi₂O₃ and CaF₂ nanocrystallites exhibit an enhanced orange-red luminescence through Eu³⁺:³D₀ → ⁷F₂ (616 nm) transition. The radiative parameters such as radiative emission probability rate (A_{ul}), luminescence branching ratio (β_l) and radiative decay time (τ_l) were determined using the intensities of Eu³⁺:³D₀ → ⁷F_l (l = 1, 2, 4) emission transitions following the Judd-Ofelt theory. The chromaticity coordinates of BiBCEu glass-ceramic heat treated at 575 °C for 10 h are situated in the orange-red region of the CIE diagram. The BiBCEu glass-ceramic synthesized at 575 °C for 10 h has an excellent proficiency for solid state orange-red laser sources.

1 Introduction

The oxynitride glass-ceramics (GCs) doped with certain rare earth (RE) ions and having one or more crystalline phases distributed uniformly within the glassy phase have been the significant materials for various optical applications owing to their intense and narrow emission lines, high luminescence efficiency and long decay time [1–3]. The transparent GCs having low optical absorption and scattering losses with relative refractive index difference between the glassy and crystalline phases of the order 0.1 can be fabricated by modifying the experimental conditions. The refractive index is found higher in GCs compared to that of based glasses and it increase with the increase of annealing time [4]. The importance of borate based host matrix containing Bi₂O₃ heavy metal oxide, the formation of Bi₂B₂O₁₂ and CaF₂ nanocrystallites have been clearly discussed in our earlier research work [5]. It is well known that GCs are polycrystalline materials in which the crystals were prepared by conventional melt quenching. High purity Bi₂O₃ (99%), H₃BO₃ (99.5%), CaF₂ (99.99%) and EuF₃ (99.99%) were used as precursors. A batch composition of about 20.0 g homogeneous powder with an additional amount of 5.0 wt% of

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NEWS LETTER FOR THE MONTH OF MARCH -2023

Sri.S.Prakash Rao, Lec.in Chemistry published a paper in UGC approved journal with ISBN NO978/93/5780.717/3 on the topic: "Impact of Medicinal Plant species on controlling of Air pollution on March 2023.

NCPCSE-2023

ISBN: 978-93-5780-717-3

$$\text{APTI} = [A (T+P) + R] / 10$$

Where, A= Ascorbic acid (mg/g dry wt.)

T= Total Chlorophyll (mg/g dry wt.), P= pH of leaf extract,

R= Relative water content of leaf tissue (%).

Based on the APTI value the plants were conveniently grouped as follows (Kalyani and Singaracharya, 1995):

APTI value Response

30 to 100 Tolerant

29 to 17 Intermediate

16 to 1 Sensitive

<1 Very sensitive

Azadirachta indica A juss -30.5 high tolerance, *Ficus religiosa* Linn – 25.77 moderate Tolerane (in descending order). Therefore highly tolerant, moderately tolerant and intermediately tolerant species will be suitable for the establishment of an effective "green belt" around the polluted area The importance of trees in urban environment is now widely recognized that they too cleanse the particulate air pollution and help to make cities and towns more agreeable places to dwell upon. India's rich biodiversity of both indigenous and exotic trees offers a wide range of choice to restore our sick and sultry towns. The present paper recommends various tree species for urban plantings, so that a wider usage of local as well as exotic tree species can be explored for controlling airborne particulate pollution in urban climate. However, a basic knowledge of their biological relationship with human environment is absolutely necessary in which arboculturists, environmental scientists, and town planners can work together. Much more research on urban trees is needed for effective control of atmospheric particulate pollution.

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NEWS LETTER FOR THE MONTH OF MARCH -2023

Sri.S.Prakash Rao, Lec.in Chemistry of our college, patent has been approved on “Evaluation of Cellular Properties for Non-small cell Lung cancer treatment based on advanced Nano particles drug delivery system.

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

The Patent Office Journal No. 11/2023 Dated 17/03/2023

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(54) Title of the invention : EVALUATION OF CELLULAR PROPERTIES FOR NON-SMALL CELL LUNG CANCER TREATMENT BASED ON ADVANCED NANOPARTICLE DRUG DELIVERY SYSTEMS

(51) International Classification : A61K 00000, A61K 302430, A61N 050000, A61P 35000, E04N 100100
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(57) Abstract
 Evaluation of cellular properties for non-small cell lung cancer treatment based on advanced nanoparticle drug delivery systems is the proposed invention. The invention focuses on analyzing and evaluating the cellular properties in the non-small cell lung cancer treatment. The advanced nanoparticle based drug delivery system and its efficacy in treating lung cancer is analyzed.
 No. of Pages : 12 No. of Claims : 4

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THANK YOU