

KALPATARU FIRST GRADE SCIENCE COLLEGE, TIPTUR
QUALITY INDICATOR FRAMEWORK (QIF)

CRITERION-2

2.6.2. Special Lectures

File contains the details of Special Lectures Conducted by various Departments such as Chemistry, Botany, Zoology and Physics.

SI No	Department	Date	Name of The Speaker
1	Chemistry	16-02-2019	Dr. G.R. Vijayakumar
2	Botany	30-01-2019	Dr. Sharath Chandra
3	Chemistry	16-07-2022	Dr. G.R. Vijayakumar
4	Mathematics	25-06-2021	Dr. Pradeep C.R
5	Mathematics	03-02-2021	Naveen SBI Manager
6	English	17-01-2020	Dr. S.V. Udayaravi
7	Physics	27-02-2019	Prof. Sreegirish

2018 - 2019

Kalpataru First Grade Science College, Tiptur.

Department of Chemistry


Title of the Activity/Event: Special Lecture on Applications of Spectroscopy of Organic Molecules.

Date of the Event: 16-02-2019

Resource Person: Dr. Vijay Kumar G. R.
Assistant Professor of Chemistry
UCS, Tumkur University, Tumkur.

REPORT: Department of chemistry organized Special lecture on Applications of spectroscopy of organic molecules. Dr. Vijay Kumar G R, Assistant Professor of Chemistry explained in detail about the applications of spectroscopy in the identification of organic molecules and also he explained different types of spectroscopy like IR, UV, ESR, RAMAN and NMR. It is the topic in III B.Sc CBCS syllabus. So, this seminar is more benefited for both faculties and students of final year.

**HoD**


Head
Dept. of Chemistry
KFGSC., Tiptur - 572202

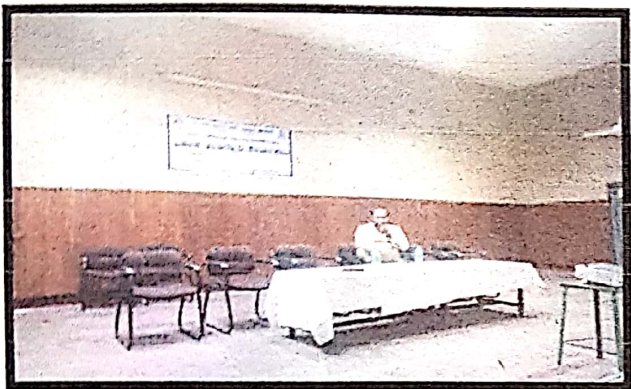
PRINCIPAL


Principal
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A Seminar By Prof . Sharath Chandra, Dean, Dept of Biotechnology Tumkur University, on 30-01-2019

Topic:

'Recent trends in biological sciences and its approaches in sustainable environmental management.




Report:

Dr. Sharath Chandra, Dean of Dept of Biotechnology at Tumkur university, addressed the students and staff-highlighting the importance of biotechnology in various fields -food production, industry medical field, mining waste management and other allied sciences. Seminar was held in the auditorium - all students and staff members were present.

HOD

H. O. D. of Botany
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2021 - 2022

Kalpataru First Grade Science College, Tiptur.

Department of Chemistry

**Title of the Activity/Event: Special Lecture on Chemistry of
Organometallic Compounds and Its
Applications.**

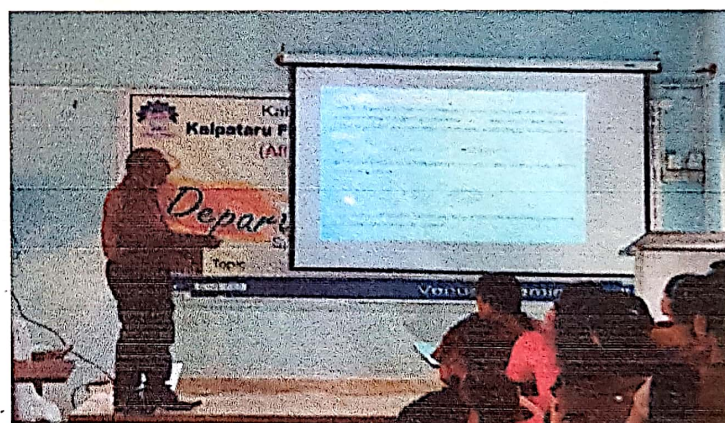
Date of the Event: 16-07-2022

RESOURCE PERSON: Dr. Vijay Kumar G.R.,

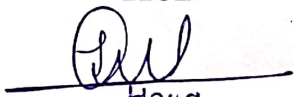
Assistant Professor of Chemistry,

UCS, Tumkur University, Tumkur.

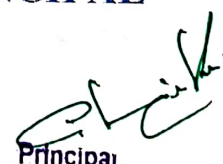
REPORT: Department of chemistry organized Special lecture on chemistry of Organometallic compounds and its applications. Dr. Vijay Kumar G. R explained in detail from basic to the applications: its definition, nature of bonding in organometallic compounds. He also discussed about the classification of organometallic compounds based on hapticity and nomenclature of few compounds. Metal carbonyls preparation, physical and chemical properties was discussed. Finally, he explained about EAN rule, 18electron rule and the applications of organometallic compounds. It is the part of the syllabus for final B.Sc.so, students are benefited by this lecture.



HoD

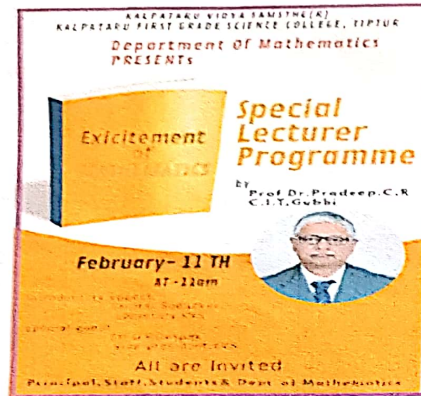

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Dept. of Chemistry
KFGSC., Tiptur - 572202

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DEPARTMENT OF MATHEMATICS
SPECIAL LECTURE PROGRAMME
EXCITEMENT IN MATHEMATICS

Date:25/6/2021



REPORT: Department of Mathematics conducted a unique lecture programme on "Excitement in Mathematics" by resource person Dr. Pradeep C.R. Environmentalist, Ph, D, IIT from Bombay, Professor of Mathematics, CIT college, Gubbi, Tumkur. At 11:30 am, he spoke on the relevance of mathematics in ancient India and mathematics in the present scenario. He talked about how maths evolved by observation, deduction, prediction and justification. He said that mathematics is about calculations, analysis, shapes, sizes, statistics, observation, and symmetry, which we see in everyday life. If you train your brain, then solving becomes easy.

N. Jagdish
N. Jagdish, M.sc., B.Ed.,
Prof. & HOD
Dept. of Mathematics
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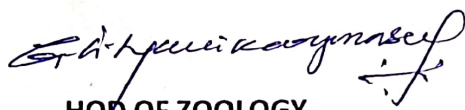
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SPECIAL SEMINAR PROGRAMME



Report: An organized special lecture on "Recent Trends in Biological Sciences and its Applications in Sustainable Environmental management" by Dr Sharath Chandra. R.G. Professor and HoD of Environmental Science, University College of Science, Tumkur, on 30-1-2019. Nearly 200 students participated in the unique lecture programme


HOD OF ZOOLOGY

S. C. MALLIKARJUNA SWAMY
MSc., PGDEE, M.Phil

Associate Professor

and

HoD of Zoology

Kalpataru First Grade Science College
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DEPARTMENT OF MATHEMATICS
SPECIAL LECTURE PROGRAMME
MATHEMATICS IN BANKING

Date:3/2/2021



REPORT:Department of Mathematics conducted a special lecture programme on mathematics in banking by resource persons Chinna, Manager and Naveen, Field Officer from SBI bank, Tiptur. They spoke about Mathematics and how it affects the financial decisions that we make every day, from paying our bills to using coupons at the grocery store. Maths is a part of everyday life: number sense and a facility with mathematical concepts are primarily used in banking. We use maths for budgeting, spending, saving, and investing. A good understanding of mathematical concepts will benefit your finances in your lifetime. Financial mathematics focuses on applying mathematical formulas and equations to financial problems, market modelling and data analysis. With this strategy, financial professionals can understand business performance better, including profitability and growth potential. If you want to apply mathematical methods to making business decisions, learning more about this topic can help you develop the skills necessary to succeed in various careers. They spoke about an educational loan, using credit cards and saving money at the right age and time that can free our life from financial constraints.


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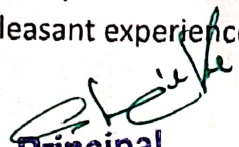
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DEPARTMENT OF ENGLISH

SPECIAL LECTURE ON FUN WITH ENGLISH by Dr. Udayaravi S.V

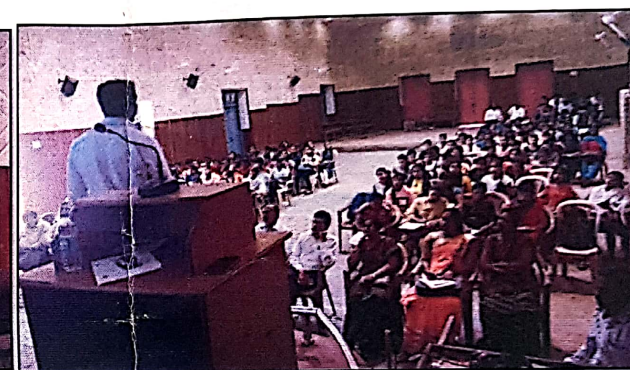
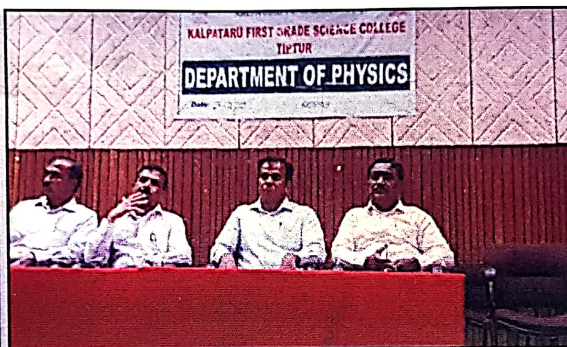


He spoke on Fun With English on 17-01-2020. He introduced the students to fun games, word games, doublet, and hangman and said that most learning occurs only when the atmosphere is informal, congenial and friendly. Learning should be a pleasant experience in life.

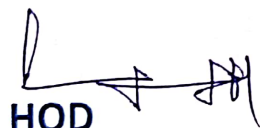

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SEMINAR ON 'MICROCONTROLLER'
RESOURCE PERSON: SRIGIRISH

DATE: 27.02.2019



REPORT: A seminar was conducted on "MICROCONTROLLER" by Srigirish, Mahesh PU college, on 27.02.2019. The concepts of microcontrollers were complex to comprehend as the topic was first introduced in the curriculum. So a seminar was conducted on "MICROCONTROLLER." He explained the basics of microcontrollers, such as architecture, easily. He also explained CPU, RAM and ROM functions and various languages used.


HOD

H. M. LINGARAJU
HOD, Physics
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