

**Department of Microbiology**

**Awareness Program – Organic Food 2K23**

**Date: 15.02.2023**

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13.02.2023  
KSRCAS

From

Mr.K.S. Shanmugam,  
Head, Department of Microbiology,  
K.S. Rangasamy College of Arts and Science (Autonomous),  
Tiruchengode- 637 215

To

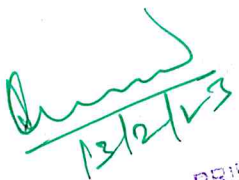
The Principal,  
K.S. Rangasamy College of Arts and Science (Autonomous),  
Tiruchengode- 637 215

Sub: Seeking permission to organize "Organic Food 2K23"- reg.

We would like to bring to your kind notice that our department association has planned to organize "Organic Food 2K23" on 15<sup>th</sup> February 2023 at UG Microbiology Lab. In this regard, we kindly request you to give permission to conduct the program.

Yours faithfully,

  
Ms.K.S.Shanmugam

  
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(Autonomous)  
TIRUCHENGODE - 637 215  
Namakkal-Dt. Tamil Nadu. INDIA.



K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE  
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TIRUCHENGODE



DEPARTMENT OF  
MICROBIOLOGY

*We are cordially inviting everyone  
to the*

ORGANIC FOOD FEST  
2K23

15th FEBRUARY 2023 • 10 AM TO 2 PM

VENUE - UG MICROBIOLOGY LAB



**K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (Autonomous)**

**TIRUCHENGODE – 637 215.**

**DEPARTMENT OF MICROBIOLOGY**

**CIRCULAR**

13.02.2023

From

To

Head

Students of I, II, III B.Sc. & I, II M.Sc. MB

Dept. of Microbiology

**Sub: Awareness Programme on “Organic Food 2K23”**

Dear Students,

We are happy to inform you that the Department of Microbiology is planned to organize awareness programme on “Organic Food 2K23” on 15.02.2023. In this regard, we invite you to participate actively in this Programme.

The details are given below:

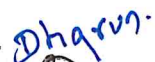
Venue: UG Microbiology Lab

Date: 15.02.2023

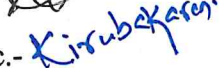
Time: 9.30 a.m.

  
Hob

Class Representative


I B.Sc.- 

II B.Sc.- 

III B.Sc.- 

I M.Sc.- 

II M.Sc.- 

  
13/2/23  
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Namakkal-Dt. Tamil Nadu. INDIA.

**CURRICULUM VITAE****S. VADIVUKKARASI,**

Female, Married,

DOB : 16.01.1981

Phone : 9865013448

E-mail : vadivusasi16@gmail.com

W/o P.Sasikumar,

1/207, Mariyamman  
kovil Street, Odapalli,  
Cauvery R.S,  
Erode -638007.**Academic Experience**

Worked as lecturer in Biochemistry department from 16 Feb'2005-Nov' 2006 at Sengunthar Arts and Science College, Tiruchengode. (1 year 9 mon 14 days)

Working as lecturer in Biochemistry department from 15 Mar'2010 – till date at KSR College of Arts and Science, Tiruchengode.

**Educational Qualification**

Degree	Institute / University	Year of Passing	Class	% of Marks
PhD Biochemistry (Full Time)	Kongunadu Arts and Science College, Bharathiar university.	July 2010	Highly commended	-
M.Phil Biochemistry (Full Time)	PSG College of Arts and Science, Bharathiar university.	Apr 2005	First class	71%
PGDBI (Bioinformatics)	Bharathiar University	May 2005	Second class	64%
M.Sc Biochemistry	PSG College of Arts and Science, Bharathiar university.	May 2003	First class	71%
PGDCA	Sethupathi ITI, Bharathiar University.	Oct 2002	First class With distinction	95%
B.Sc Biochemistry	Vellalar College for Women, Bharathiar University.	Apr 2001	First class With distinction	81%
HSC	Vellalar Girls Matriculation Higher Secondary School, Thindal.	Apr 1998	First class	76%
SSLC	Govt. Girls Higher Secondary School, Tiruchengode.	Mar 1996	First class	75%

**Technical Experience**

- ◆ Have experience in biochemical techniques.
- ◆ Have exposure in working with animal models as part of course curriculum.
- ◆ Interacted and collaborated extensively with researchers having significant experience.

**Awards**

  
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- Rotary club of Erode North has awarded privilege award for proficiency in **Overall (II)** subject in Biochemistry.
- Secured **Fifth Rank** at the Bharathiar University level in B.Sc. Biochemistry.
- Act as a mentor for MPhil candidate K.Pavithra (2011-2012) to receive Sir C.V.Raman Award 2012 and Cash prize Rs.3000 from **Dr.A.P.J.Abdul kalam** at Periyar University, Salem.

#### **Publications**

1. Linalool Mitigated High-Fat Diet-Induced Non-alcoholic Fatty Liver Disease by Regulating the Intestinal-Hepatic Axis via TGF- $\beta$ /NF-kB/TLR4/ZO-1 Pathway. Periyasamy, T., Sathibabu Uddand Rao, V.V., Ponnusamy, C. S. Vadivukkarasi, et al. Rev. Bras. Farmacogn. (2023). <https://doi.org/10.1007/s43450-023-00395-6>
2. Protective effect of aqueous extract of *Pleurotus eous* against Dalton's lymphoma ascites tumor in mice Vadivukkarasi Sasikumar, Sudha Govindan,, Gayathri Rajendran, Archana Rajendran, Prasanna Ramani, Mirian Pateiro f, Jos'e M. Lorenzo. Journal of Agriculture and Food Research 13 (2023) 100638
3. Biochanin A Attenuates Hyperglycemia in High-Fat Diet-Streptozotocin-Induced Diabetic Rats by Modulating the Activities of Carbohydrate-Metabolizing Enzymes in Vital Organs. Sethumathi Ponnusamy Pudhupalayam & V. V. Sathibabu Uddand Rao & Chandrasekaran Ponnusamy & Sengottuvelu Singaravel & Tamilmani Periyasamy & Ponnurugan Ponnusamy & Vadivukkarasi Sasikumar & Mustapha Shabana Begum & Saravanan Ganapathy. 2022 Revista Brasileira de Farmacognosia. <https://doi.org/10.1007/s43450-022-00280-8>.
4. Polyherbal Formulation Ameliorates Diabetic Cardiomyopathy Through Attenuation of Cardiac Inflammation and Oxidative Stress Via NFkB/Nrf-2/HO-1 Pathway in Diabetic Rats. Uddand Rao V.V.S.;Parim B.;Singaravel S.;Ponnusamy P.;Ponnusamy C.;Sasikumar V.;Saravanan G. Journal of Cardiovascular Pharmacology, Volume 79, Year 2022, Pages 75-86.
5. *Lentinula Edodes* (Edible Mushroom) as a Nutraceutical: A Review Biosciences. Chandrasekaran Ponnusamy, V. V. Sathibabu Uddand Rao, Sethumathi Ponnusamy Pudhupalayam, Sengottuvelu Singaravel, Tamilmani Periyasamy, Ponnusamy Ponnurugan, Puniethaa Prabhu, Vadivukkarasi Sasikumar, Ganapathy Saravanan Biotechnology Research Asia, Year 2022, March 2022, Biosciences Biotechnology Research Asia 19(1):1-11 DOI:10.13005/bbra/2964.
6. Ameliorative Potential of Biochanin-A against Dexamethasone Induced Hypertension through Modulation of Relative mRNA and Protein Expressions in Experimental Rats. V. V. Sathibabu Uddand Rao, P. P. Sethumathi, Parim Brahma Naidu, S. Vadivukkarasi, Mustapha Sabana Begum and G. Saravanan. Advancements in Cardiovascular Research and Therapeutics: Molecular and Nutraceutical Perspectives, Volume 1, Year 2022, Pages 156-170. DOI:10.2174/9789815050837122010011
7. Biochanin A Attenuates Hyperglycemia in High-Fat Diet-Streptozotocin-Induced Diabetic Rats by Modulating the Activities of Carbohydrate-Metabolizing Enzymes in Vital Organs Pudhupalayam S.P.;Uddand Rao V.V.S.;Ponnusamy C.;Singaravel S.;Periyasamy T.;Ponnusamy P.;Sasikumar V.;Begum M.S.;Ganapathy S. Revista Brasileira de Farmacognosia, Volume 32, Year 2022, Pages 608-617 4.
8. Attenuation of lipid metabolic abnormalities, proinflammatory cytokines, and matrix metalloproteinase expression by biochanin-A in isoproterenol induced myocardial infarction in rats Sangeethadevi G.;Sathibabu S.U.;Jansy Isabella R.A.R.;Saravanan G.;Ponnurugan P.;Chandrasekaran P.;Sengottuvelu S.;Vadivukkarasi S. Drug and Chemical Toxicology, Volume 45, Year 2021, Pages 1951-1962 5.
9. Biochanin A attenuates obesity cardiomyopathy in rats by inhibiting oxidative stress and inflammation through the Nrf-2 pathway Jansy Isabella Rani A ., V. V. Sathibabu Uddand Rao ., Sangeethadevi G ., Saravanan G ., Chandrasekaran P ., Sengottuvelu S ., Tamilmani P ., Sethumathi P P ., S. Vadivukkarasi ., Archives of Physiology and Biochemistry, Volume , Year 2021, Pages 1-16 6.
10. Phenolic-Fractions of *Kedrostis foetidissima* Leaves to Ameliorate Lysosomal Damage and Inflammation of Isoproterenol-Induced Myocardial Infarction in Rats. Pavithra, V. V. Sathibabu Uddand Rao, P. Chandrasekaran, S. Sengottuvelu2, P. Tamilmani, P. P. Sethumathi, S. Vadivukkarasi and G. Saravanan. Bioscience Biotechnology Research Communications, Volume 14, Year 2021. DOI:<http://dx.doi.org/10.21786/bbrc/14.2.31>

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### Research funding

1. Therapeutical potentiality of Benincasa hispida seed extracts against the intestinal helminthes of ducts as a model of human stomach worms. Ref No: TNSCST/ SPS/AR/2016-2017; Dated : 10.04.2017, BS-39. Funding Agency- TNSCST, Amount Rs.10000.
2. Organizer in National conference entitled "Translating the Science of Nutrition into Art of Healthy living" (January 30 and 31, 2019), Ref No: SYM/9908/18-HRD; Dated: 04.12.2018, Funding Agency- CSIR, Amount Rs.30000.

### Research Guidance

Mhil Scholars Completed- 9

PhD Scholar Completed -3 ongoing -1

### Membership

Doctoral Committee member (Muthayammal College of Arts and Science),  
BOS member at Vellalar College for Women.  
BOS member at Periyar university, Salem

### Extracurricular activities


Mushroom cultivation and medicinal plants cultivation and maintenance.

### Training Undergone

- ♦ Training on "Human Chromosome Methodologies" during 20.05.2002 to 01.06.2002 at Dr. Rao's Genetic Lab & Research Centre, Bangalore.
- ♦ Recently available vaccination programme's on 20.11.2000 to 21.11.2000 at Government Hospital, Tiruchengode.

### Reference

Dr. V.Radhakrishnan Ph.D.  
Principal,  
K.S.Rangasamy College of Arts and Science (Autonomous)  
KSR Kalvi Nagar, Tiruchengode  
Namakkal Dt, Tamilnadu  
India

  
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**DEPARTMENT OF MICROBIOLOGY**

**ORGANIC FOOD FEST – 2023 NAME LIST**

S.No	Name	
1	Ramanan, Kishore, Hari	<i>15/12/23</i>
2	Keerthana. S, Thamarai selvi. K	<i>15/12/23</i>
3	Kowshika. G, Ponni .V, Kanimozhi.S	<i>15/12/23</i>
4	Hari Priya. M, Sri samyuktha. M	<i>15/12/23</i>
5	Dhanush, Rumes, Gowtham. M	<i>15/12/23</i>
6	Hareesh, Dinesh	<i>15/12/23</i>
7	Kumaraguru. S, Sowndaryan .K.N, Sukish.R	<i>15/12/23</i>
8	Bhuvaneshwari, Kanimozhi	<i>15/12/23</i>
9	Priyadharshini, Monisha	<i>15/12/23</i>
10	Sanjay, Dharmo, Bala	<i>15/12/23</i>
11	Sivabalan, Dhanush, Tharunath	<i>15/12/23</i>
12	Harini, Sridevi, Gokulpriya	<i>15/12/23</i>
13	Merlin swetha, Sathya, Kiruba	<i>15/12/23</i>
14	Madhumitha, Swetha, Mithuna	<i>15/12/23</i>
15	Rupavani, Priyadharshini	<i>15/12/23</i>
16	Ishwarya, Jothiga, Kalaivani	<i>15/12/23</i>
17	Pavithra, Vidhubala	<i>15/12/23</i>
18	Dhanushiya, Gayathiri, Subha shree	<i>15/12/23</i>
19	Sivaranjini, Sheeba, Divya	<i>15/12/23</i>
20	Gowtham, Jana, Nandhagopal	<i>15/12/23</i>
21	Dhanuja, P.Sheeba, Boomika	<i>15/12/23</i>
22	Ranjithkumar, Pasupathi, Ranjithkumar	<i>15/12/23</i>
23	Sanjukumar, Raghul, Vasagan	<i>15/12/23</i>
24	Yashwanth, Sasunatham, Vaiyapuri	<i>15/12/23</i>
25	Sowmiya, Keerthi, Shalini	<i>15/12/23</i>
26	Anbarasan, Then arasu, Nandha kumar	<i>15/12/23</i>
27	Gokul, Santhish	<i>15/12/23</i>
28	Ranjini, Kaviya	<i>15/12/23</i>

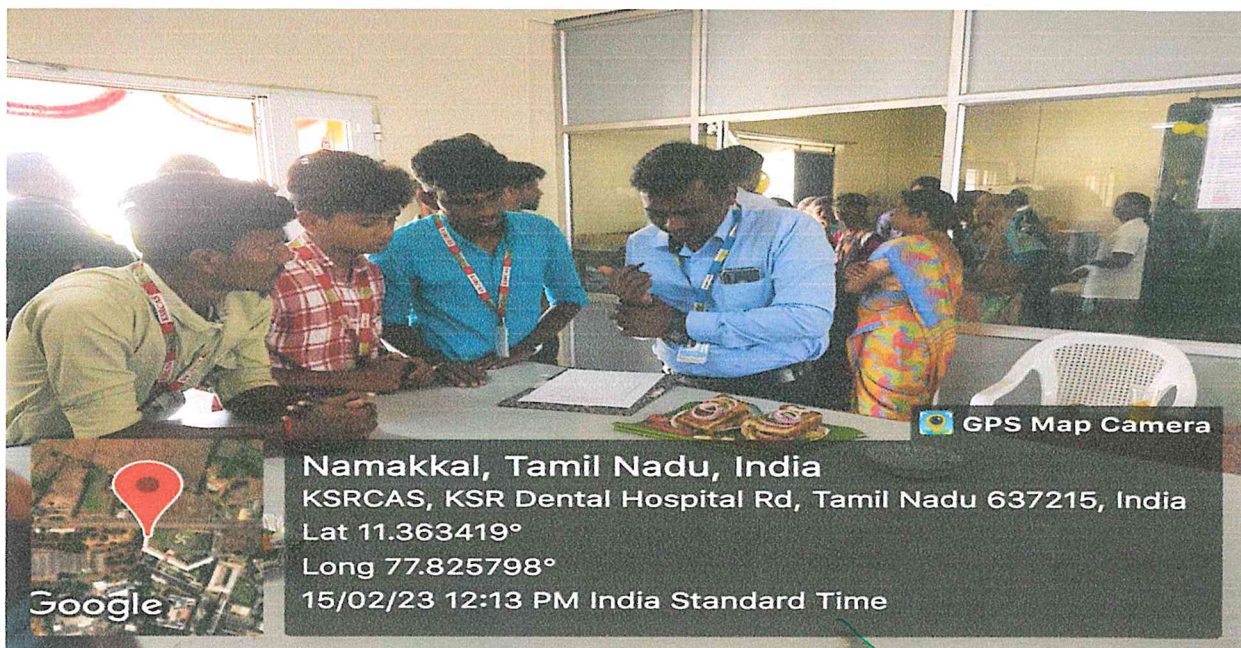
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**K S Rangasamy College of Arts and Science (Autonomous)**

**Department of Microbiology**

**“Organic Food 2K23”**



*[Signature]*  
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**DEPARTMENT OF MICROBIOLOGY**

**Organic Food 2K23 - Report**

The Department of Microbiology had conducted an awareness programme on "Organic Food 2K23" on 15.02.2023 at UG Microbiology Lab to make students to aware about the importance of taking traditional foods and to emphasize its health benefits. More than 70 students were participated in this programme. All the participants were fascinated to involve in preparing the food in natural methods without use of fire and addition of taste makers. This programme also emphasize on team work in preparing the tasty foods. Dr.M.Aarthi, Head, Department of Biotechnology UG, KSRCAS (A) and Dr.S.Vadivukarasi, Assistant Professor, Department of Biochemistry, KSRCAS (A), chief guests of the Programme visited the department and tasted the food which is being prepared by the students and gave their appreciation to the students for bringing the traditional foods back to replace the junk food scenario of this current world. The students also enjoyed tasting the food which was prepared by their own.

  
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