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2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

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SENGUNTHAR ARTS AND SCIENCE COLLEGE

 Affiliated to Periyar University, Salem and Approved by AICTE, New Delhi) An ISO 9001:2015 Certified Institution
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Accredited by NAAC
Tiruchengode – 637 205, Namakkal dt., Tamilnadu



INTERSHIP DETAILS 2020-2021

S.NO	NAME OF THE STUDENTS	CLASS	NAME OF THE COMPANY
1	M. Balaji	II M.Sc., Biotehnology	Deepa Micro Lab
2	M. Krishna Kumar	II M.Sc., Biotehnology	VJ BIOTECH
3	C. Saravanan	II M.Sc., Biotehnology	Deepa Micro Lab
4	E. Thaniska	II M.Sc., Biotehnology	Deepa Micro Lab

PRINCIPAL

PRINCIPAL SENGUNTHAR ARTS AND SCIENCE COLLEGE TIRUCHENGODE - 637 205.

1

CERTIFICATE

NAME	: MR.SARAVANAN.C
DEPARTMENT	: BIOTECHNOLOGY
YEAR	: M.Sc., II YEAR
COLLEGE	: SENGUNTHAR ARTS AND SCIENCE COLLEGE ,
	TIRUCHENGODE.
PERIOD	: 15 DAYS (27/09/2021 to 11/10/2021)

This is certify that MR. SARAVANAN.C has undergone training in Deepaa Micro Lab, ERODE date from (27/09/2021 to 11/10/2021).

He is trained in Bio-chemistry, Immunology, Microbiology, Serology and Clinical Pathology in our laboratory.

We wish all the best in his future carrier.

A. Dortomen &

Mr. A. KRISHNAMOORTHY., M.Sc., Chief Of Laboratory Service DEEPAA MICRO LAB 20, Pavadal Street, Oop, Kalamagal Kalvinilayam, ERODE - 638 (01.

Mr. A. Krishna Moorthy M.Sc., io-Chemisti Chief of Laboratory Sen

CERTIFICATE

NAME	: MR.BALAЛ.M
DEPARTMENT	: BIOTECHNOLOGY
YEAR	: M.Sc., II YEAR
COLLEGE	: SENGUNTHAR ARTS AND SCIENCE COLLEGE,
	THIRUCHENGODE.
PERIOD	: 15 DAYS (23/09/2021 to 07/10/2021)

This is certify that MR.BALAGI.M has undergone training in Deepaa Micro Lab, ERODE date from (23/09/2021 to 07/10/2021).

He is trained in Bio-chemistry, Immunology, Microbiology, Serology and Clinical Pathology in our laboratory.

We wish all the best in his future carrier.

A. On Mand. A

Mr. A. KRISHNAMOORTHY., M.Sc., Chief Of Laboratory Service DEEPAA MICRO LAB 20. Pavadai Street. Opp. Kalaimagal Kalvinilayam, ERODE - 638 001.

Dr. R. Renuga M.D., (Consultant Pathologist) Dr. S. Nirmaladevi M.D.

Mr. A. Krishna Moorthy M.Sc.,



CERTIFICATE

NAME: MISS. THANISKA.EDEPARTMENT: BIOTECHNOLOGYYEAR: M.Sc., II YEARCOLLEGE: SENGUNTHAR ARTS AND SCIENCE COLLEGE,
TIRUCHENGODE.PERIOD: 15 DAYS (27/09/2021 to 11/10/2021)

This is certify that MISS.THANISKA.E has undergone training in Deepaa Micro Lab, ERODE date from (27/09/2021 to 11/10/2021).

She is trained in Bio-chemistry, Immunology, Microbiology, Serology and Clinical Pathology in our laboratory.

We wish all the best in her future carrier.

A. Manaldora. A

Mr. A. KRISHNAMOORTHY., M.Sc., Chiel Of Laboratory Service DEEPAA MICHO LAB 20. Pavadai Street, Opp. Kalaimagal Kabelallayam, ERODE - 638 001.

Dr. R. Renuga M.D.,

Dr. S. Nirmaladevi M.D.

Mr. A. Krishna Moorthy M.Sc., (Bio-Chemist) Chief of Laboratory Service Affiliated to Periyar University, Salem & Approved by AICTE, New Delhi) Recognised u/s 2(f) & 12(B) of UGC Act, 1956 and Accredited by NAAC Tiruchengode - 637205, Namakkal Dt., Tamilnadu, India

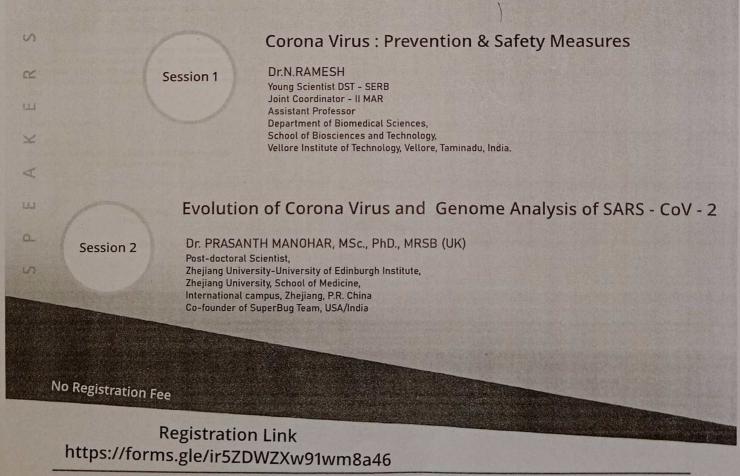
International Webinar

on

Anticipating Pandemic Measures of COVID - 19 16th July 2020, 10.30 am - 12.30 am

Jointly orgranise by

PG & Research Department of Microbiology & Biotechnology



* e-Certificates will be provided for all the participants

2/8/22, 2:15 PM

Gmail - Requisition for act as key note speaker for Webinar

M Gmail

vanathi sekar <vanathisekar3@gmail.com>

Sat, Jul 11, 2020 at 12:55 PM

Requisition for act as key note speaker for Webinar 4 messages

vanathi sekar <vanathisekar3@gmail.com> To: prasanth.emsa1@gmail.com

Dear Sir,

Warm greetings!

We PG & Research Department of Biotechnology, & Microbiology, Sengunthar Arts and Science College, Tiruchengode jointly organise an International Seminar on Anticipating Pandemic Measures of COVID - 19 on July 16, 2020.

We are happy if you act as a chairperson for a session and deliver a key note address on Evolution of Orona Virus and Genome Analysis of SARS- CoV-2.Your subject of expertise will motivate the younger minds for to encourage themselves in the research.

We are looking forward for your presence and expecting a positive note . Have attached the brochure and registration link for your reference. Kindly do send us your biodata for introducing the key note speaker on that day.

Thanks & Regards

Dr .P.Vanathi Head,PG & Research Department of Biotechnology Sengunthar Arts and Science College Tiruchengode

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Prasanth Manohar <prasanth.emsa1@gmail.com> To: vanathi sekar <vanathisekar3@gmail.com>

Dear Dr Vanathi,

Thanks for the invitation! I'm happy to accept the invitation and also to serve as a speaker to discuss 'Coronavirus genome'. If possible plz edit my affiliation in the brochure as,

Dr. PRASANTH MANOHAR, MSc., PhD., MRSB (UK) Post-doctoral Scientist, Zhejiang University-University of Edinburgh Institute, Zhejiang University, School of Medicine, International campus, Zhejiang, P.R. China Co-founder of SuperBug Team, USA/India

Looking forward to hearing from you, and towards the webinar.

*Please Find in the Attached File/s

Thanks and Regards, Prasanth

Dr Prasanth Manohar, M.Sc. PhD., MRSB (UK). Young Scientist, -Post-doctoral Researcher (Leptihn lab), Zhejiang University-University of Edinburgh Institute, Zhejiang University, International Campus, -Research Fellow, The Second Affiliated Hospital, Zhejiang University, School of Medicine, -Co-founder of SuperBug Team, USA/India

A419, ZJE Institute Building,

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Sat, Jul 11, 2020 at 1:11 PM

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718 East Haizhou Road, Haining, Zhejiang 314400, P.R. China M:+91-9600508051; +86-15705833029 E: PrasanthM@intl.zju.edu.cn or drprasanthmanoharphd@gmail.com

Website | Twitter | LinkedIn | RG | Superbugteam.com

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vanathi sekar <vanathisekar3@gmail.com> To: Prasanth Manohar <prasanth.emsa1@gmail.com>

Yes Sir will update you the corrected version of brouchure [Quoted text hidden]

vanathi sekar <vanathisekar3@gmail.com> To: prakash ponnusamy <jpprak@gmail.com>

Sat, Jul 11, 2020 at 2:42 PM

Sat, Jul 11, 2020 at 2:33 PM

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3/3



Ramesh N

Assistant Professor Grade 2 Department of Bio-Medical Sciences VIT University, Vellore ramesh.n@vit.ac.in (Work) drpnramesh@gmail.com (Work) +91-7904215434 (Work)

Dr. Ramesh Nachimuthu obtained his master's degree in Applied Microbiology from the Periyar University, Salem. He then obtained the PhD degree in Microbiology from Bharathidasan University-BDU (2012). He was the awardee of British Society of Antimicrobial Chemotherapy-BSAC in 2009-2010 at United Kingdom, and the travel was supported by DST and CSIR, Govt. of India, New Delhi. He is an Assistant professor in School of Bio-Sciences and Technology-SBST, VIT University, Vellore, Tamil Nadu, India from 2016 June to till date. He was a Research Scientist at SBST, VIT University, Vellore, Tamil Nadu, India from May 2013 to May 2016. From 2009 to 2015 he was the Trichy and Vellore Coordinator of Indian Initiative for Management of Antibiotic Resistance-IIMAR at Bharathidasan University and VIT which is the first country-wide antimicrobial resistance NGO in India. Then he became a Joint Coordinator in IIMAR. He has given an Antimicrobial Resistance Awareness talk in All India Radio, Trichy consecutively for three years in 2009, 2010, and 2011. He is a recipient of Young Scientist Fellow in DST-SERB, Govt. of India, New Delhi with the project cost of 3 Million conferred for his best research work and he has successfully completed the project. He is the active member in a) Indian Initiative for Management of Antimicrobial Resistance-IIMAR, India, b) European Society for Clinical Microbiology and Infectious Diseases- ESCMID, Switzerland, c) American Society for Microbiology-ASM, Washington D.C., USA. D) And fully Certified Member in EPICORE-ProMed Mailand International Society for Infectious Diseases- ISID, Brookline, USA. E) Life Member in Indian Association of Applied Microbiologists, India F) International Committee on Taxonomy of Viruses (ICTV) And he is serving as a reviewer and editorial board member in many international journals. He had held many honorary positions in various conferences and workshops. He is specialized in Medical Microbiology particularly Antibiotic Resistance, Phage therapy and Infectious Diseases. He has published 40 research

papers, 2 book chapter and submitted more than 168 genes (MDR and 16S r RNA) and 5 class I integrons in NCBI GenBank. Further he is supervising 5 PhD students and 30 graduate students. He has also supervised 120 students which include students from B.Tech, M.Tech, and M.Sc., He has established an Antibiotic Resistance and Phage therapy Laboratory in SMV-203 A in the DST SERB project. He has 1 year working experience as microbiologist, 10 years Research experience and 7 years teaching experience. He is actively involved in research and has collaborations with the a) Adnan Menderes University, Aydin, Turkey, b) Norwegian University of Life Sciences, Norway, c) Charles Darwin University, Darwin, AUSTRALIA, d) Lincoln University College, Malaysia, e) The Hospital for Sick Children/ University of Toronto, Canada and f) Loma Linda University, California, United States, g) The University of Aberdeen, Aberdeen, United Kingdom, h) Karolinska Institute, Sweden which deals with the range of antimicrobial resistance in clinical samples. He had attended more than 40 National and International Workshops, Conferences and Seminars. He has served as a delegate in Antimicrobial Resistance Conference organized by Ministry of Health and Family Welfare, Govt. of India, New Delhi and World Health Organization, SEA region on 23rd to 25th Feb, 2016 at New Delhi on behalf of national coordinator-IIMAR. His Interview was published in Deccan Chronicle daily newspaper on 22ndSeptember, 2015 regarding Antibiotic resistance as a Coordinator-Vellore-IIMAR. The title was "India to the top of the list of pill popping nations of the world". One of his PhD student got YOUNG SCIENTIST 2016 award from Inno Indigo Eu- India STI cooperation days with 2000Euro grant (among 11akh application from India and Europe union) He has given an expert talk in brain storming session on "Bacteriophage: as an alternate approach as therapeutics in aquaculture" held at VIT Chennai campus on 3rd Feb, 2017 conducted by DBT, Ministry of Science and technology, Govt. of India, New Delhi.

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M Gmail

vanathi sekar <vanathisekar3@gmail.com>

Sat, Jul 11, 2020 at 12:42 PM

Brouchure & Requisition for to act as key note speaker 1 message

vanathi sekar <vanathisekar3@gmail.com> To: drpnramesh@gmail.com

Dear Sir,

Warm greetings!

As per our telephonic conversation we PG & Research Department of Biotechnology & Microbiology, Sengunthar Arts and Science College, Tiruchengode jonitly organise an International Webinar on Adapting Pandemic Measures of COVID - 19 on July 16,2020.

We are very happy for your acceptance to deliver a key note address on Corona Virus : Prevention & Safety Measures. Your subject of expertise will motivate the younger minds for to encourage themselves to picturise and face the pandemic situation in a clear way.ahead of time.

We are greatful to you on joining hands with us . Have attached the brochure and the registration link for your reference.

Thanks & Regards

Dr .P.Vanathi Head,PG & Research Department of Biotechnology Sengunthar Arts and Science College Tiruchengode

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Personal Profile:



Dr. Prasanth Manohar, M.Sc. Biotech., M.Sc. Psy., Ph.D. Biotech., MRSB (UK).

Dr. Prasanth is a Post-doctoral Scientist at "Zhejiang University-University of Edinburgh Institute (ZJE-UoE), Zhejiang University, International campus, Haining, China", and "Research Fellow at The Second Affiliated Hospital, School of Medicine, Zhejiang University (SAHZU), Hangzhou, China". He is a Co-founder of SuperBug team-USA/India, which is manufacturing phage therapy products. He was awarded a PhD degree at the School of Bio Sciences and Technology, Vellore Institute of Technology (VIT), Vellore, India.

His area of expertise includes but not limited to antimicrobial resistance (AMR), mechanism of resistance in Gram-negative bacterial pathogens, bacteriophage biology, phage therapy and phage lysins. He is one of the very few scientists who started to use wax worms (*Galleria mellonella*) as a model organism to study the efficacy of phage treatment.

For his research on bacteriophage lyophilization, he was awarded a "Young Scientist Award-2016" from European Union's INNO INDIGO projects. He was awarded the 'Senior Research Fellowship' (SRF) from 'Council of Scientific and Industrial Research' (CSIR, Government of India) in 2018. In April 2020, he was selected as one of the extraordinary young scientists by European Society of Clinical Microbiology and Infectious Diseases for its '30th ECCMID conference 2020, Paris'. At present, he is working as an institute post-doctor fellow and Research fellow.

He is a member of various international microbiology and virology societies. He has authored 30+ research and review publications in reputed international journals and holds an Indian patent for 'Bacteriophage lyophilization'.

He is also serving as a Phage Scientist and Scientific Advisor for the SuperBug Team, USA/India.

Personal Webpage: <u>https://prasanthmanohar.wordpress.com/</u> Email: <u>prasanth.emsa1@gmail.com</u>, <u>PrasanthM@intl.zju.edu.cn</u>

Statement of Research Interests

My primary research interest is in the area of vaccine biology. In particular, I would like to work in the area of epitope, VLP and DC based vaccine preparation to various infectious agents. My research agenda focusing on the question of how to improve the T cell efficacy using immunogen against the infectious agents?

Brief Summary of Dissertation Research

Title: Genome-Wide Mapping of Dengue T and B Cell Epitopes Towards A Potential Multivalent Candidate Vaccine

Dengue fever (DF) is a disease first reported in the early eighteen centuries in Africa, Asia, and North America. At present, four serologically and genetically distinguishable serotypes have been identified called Dengue virus (DV) -1 to DV-4. It was estimated that around 300 million peoples susceptible to any DV infection and at least 90 million peoples develop a severe form of the disease. The classical DF is characterized by high fever, headache, vomiting, nausea, rash, retro-orbital pain, muscle pain, joint pain, and leukopenia. A Severe form of DF turns into DHF/DSS characterized by high fever, increased vascular permeability, and moderate thrombocytopenia. The mortality rate of dengue fever is < 1%, whereas, the mortality rate varies from 1 to 10 % of hospitalization and up to 30 % if untreated. At present, there is no effective vaccine available for DV. Therefore, there is a need for a vaccine that could produce the protective immune response to all four Dengue serotypes.

My research work was focused to identify the consensus T cell epitopes which are found to be present in all four dengue serotypes for the preparation of multi-vaccine candidates. In general, intracellular pathogens are potentially cleared with the help of cytotoxic T-cell epitopes; whereas, helper T-cell epitopes are boosting immunity and develop the immunological effector and memory cells against invading pathogens. Therefore, the identification of such potent T cell epitopes is a vital part of epitope-based vaccine development. In this instance, I had confirmed that the combination of more than one epitope prediction tool would increase the higher predictive efficiency rather than using single prediction tools. Based on the in-silico prediction, I have screened the entire genome of DV and 26 peptides were selected further *in vitro* and *in vivo* analysis. Among these, 5 epitopes were shown a strong cytotoxic T-cell immune response which was confirmed in ELISPOT, Proliferation assay, and LDH assays.

This project work was supported by a grant from Science and Engineering Research Board, New Delhi (SR/SO/HS-0248/2012) and Indian Council of Medical Research, New Delhi for a Senior Research Fellowship (45/18/2011-IMM-BMS).

Brief Summary of other research projects

Title: Bacteriophage a Novel Vehicle for Delivering HIV CTL Epitopes

Bacteriophage is extensively used for various research purposes. This includes the use of phage display peptide library for screening high-affinity antibody screening, the use of phage DNA vaccine preparation. Phage is also considered a potent adjuvant and vehicle that delivers the antigen of interest into class I or class II MHC molecules leads to activate robust CTL or antibody-mediated immune response. In this instance, we have utilized the phage display platform to develop an HIV-specific multi-epitope vaccine. I have been part of this project to design and express the CTL and B cell epitopes on the P3 protein region of filamentous bacteriophage.

Brief Summary of Post doctoral research Project

Title: High throughput screening of Class I and Class II MHC binders using Yeast display platform.

T cells recognize the linear peptides that complex with major histocompatibility complex on the surface of antigen-presenting cells. The peptide-MHC complex interacts with TCR and activates the T cell response. The resulting immune response protects the host from invading pathogens through a humoral and cell-mediated immune response. It is very important to screen such high-affinity immunogenic epitopes that could be used to develop subunit vaccine candidates. Screening of such epitopes using traditional methods is a costly and time-consuming process. Hence, we have utilized the yeast display platform to predict high-affinity binders to various class I and class II MHC molecules. The peptide-MHC complex is expressed on the surface of yeast cells and the sequential rounds of FACS screening are applied to the selection of the high-affinity binders.

WEBINAR ON HEALTH, DIET AND STRESS MANAGEMENT

PARTICIPANTS LIST

B. Sc Biotechnology

1		
1	17BA1227	ASHA.M
2	17BA1228	BHARANI.K
3	17BA1229	DEEPA.E
4	17BA1230	KRISHNAVENI.A
5	17BA1231	MAHESWARI.S
6	17BA1232	PAVITHRA.R
7	17BA1233	POONGOTHAI.G
8	17BA1234	SAVITHA.M
9	17BA1235	SOWMIYA.M
10	17BA1236	SUNANTHASREE.B
11	17BA1237	THANGAMANI.K
12	17BA1238	THANISKA.E
13	17BA1240	VINOTHINI.S
14	18BA1225	AISHWARYA.U
15	18BA1226	ARCHANA.S
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21	18BA1232	MAIVIZHI.R
22	18BA1233	MANISHA.R
23	18BA1234	MENAKAK.
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27	18BA1238	VIJAYAPRIYA.B
28	18BA1239	VISWASREE.M

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42	18BB1238	SUBHASHINI.S
43	18BB1239	SUVETHA.T
44	18BB1240	YAZHINI.P
45	19B1220	BALAVINOTHINI A
46	19B1221	DHANUSHYA K
47	19B1222	GAYATHRI T
48	19B1223	GOKULAVANI T
49	19B1224	GUNAVATHI V
50	19B1225	KAYATHRI M
51	19B1226	LATHA K
52	19B1227	MEENAKSHI R
53	19B1228	MONISHA K
54	19B1229	PAVITHRA A
55	19B1230	PRADEEPA M
56	19B1231	SARANYA S
57	19B1232	SOWNDHARYA E
58	19B1233	SWETHA D
59	19B1234	THEJASWI M
60	19B1235	VANNAMATHI B

61	19B1236	VIKASINI N

M.SC BIOTECHNOLOGY

62	18M1317	C. ISWARYA .	
63	18M1318	P. RAJESWARI	
64	19M1314	DEEPA.S	
65	19M1315	PAVITHRA.S	
66	19M1316	PRIYA.M	
67	19M1317	SHANTHIKAJI.K	
68	19M1318	VANITHADEVI.K	
69	19M1319	VINOTHINI.R	
70	19M1320	VISALYA.G	

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This is to certify that Dr./Mr./Ms. U. Aishwarya, Bsc. Biotechnology of Sengundhar arts and science college, Tiruchengode has participated in International Webinar on ANTICIPATING PANDEMIC MEASURES OF COVID - 19, conducted by the PG & Research Department of Microbiology and Biotechnology on 16.07.2020.

Dr.P.VENKATACHALAM Head of the Department of Microbiology

Dr.P.VANATHI Head of the Department of Biotechnology

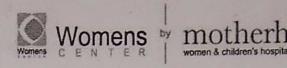
Dr.S.RAVIKUMAR Principal

Prof. A. BALADHANDAPANI **Dean & Joint Secretary**

Certificate Number: F347W8-CE000042 This is an e-Certificate, hence no signature is required.







Topics:

- Health and Diet
- Stress Management

Date: Tuesday, 19th May 2020 Time: 12 PM



Speakers



Dr. P. Devi DNB, MRCOG Consultant - Obstetrics & Gynaecology



Dr. Pooja Mathew MBBS, DGO, DNB, FMAS Consultant - Obstetrics, Infertility Specialist & Laproscopic Surgeon

😢 0422 - 404 0202 / 94437 93931

Womens Center by Motherhood Hospital #146 B, Mettupalayam Road, Coimbatore

To register - click the below mentioned link https://bit.ly/3fQJn5V

Requisition Letter

From

Dr.P.Vanathi, Head & Assistant Professor, Department of Biotechnology, Sengunthar Arts & Science College, Tiruchengode- 637 205.

To

The Principal, Sengunthar Arts & Science College, Tiruchengode-637 205.

Respected Sir,

Sub: Requesting to conduct on Webinar -Reg.,

I would like to bring your kind notice that, our department like to conduct webinar on HEALTH AND DIET,STRESS MANAGEMENT for our girl students on 19.05.2020. The speakers Dr. Devi DNB ,MRCOG and Dr. Pooja Mathew MBBS,DGO,DNB,FMAS Women's Center by Motherhood Hospital, Coimbatore has accepted our invitation to act as chairperson for delivering key note address. In this regard I kindly request you sir, to grant permission for the above said programmee.

Thanking You,

Yours Faithfully,

tellet J. F

Date: 11.05.2020 Place: Tiruchengode

Kelpho

WEBINAR ON HEALTH, DIET AND STRESS MANAGEMENT

PARTICIPANTS LIST

B. Sc Biotechnology

1	17BA1227	ASHA.M
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28	18BA1239	VISWASREE.M

29	18BA1240	YAMINI.A
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43	18BB1239	SUVETHA.T
44	18BB1240	YAZHINI.P
45	19B1220	BALAVINOTHINI A
46	19B1221	DHANUSHYA K
47	19B1222	GAYATHRI T
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M.SC BIOTECHNOLOGY

62	18M1317	C. ISWARYA .
63	18M1318	P. RAJESWARI
64	19M1314	DEEPA.S
65	19M1315	PAVITHRA.S
66	19M1316	PRIYA.M
67	19M1317	SHANTHIKAJI.K
68	19M1318	VANITHADEVI.K
69	19M1319	VINOTHINI.R
70	19M1320	VISALYA.G

From

Dr.P.Vanathi, Head & Assistant Professor, Department of Biotechnology,

Sengunthar Arts & Science College,

Tiruchengode- 637 205.

То

The Principal,

Sengunthar Arts & Science College,

Tiruchengode-637 205.

Respected Sir,

Sub: Requesting to conduct Webinar -Reg.,

I would like to bring your kind notice that, our department like to conduct webinar on HOW TO STAY SAFE & HEALTH DURING PANDEMIC SITUATION on 03.06.2020.The speakers Dr. Devi DNB ,MRCOG of Women's Center by Motherhood Hospital, Coimbatore has accepted our invite to act as chairperson for delivering key note address. I kindly request you sir, to grant permission for the above said programe.

Thanking You,

- Time and a second

Yours Faithfully,

Date: 25.6.2020 Place: Tiruchengode

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Friday, 5 June 2:00 – 3:00 pm

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https://www.bigmarker.com/motherhood -hospitals/How-to-Stay-Safe-Healthy-During -this-Pandemic-Situation-Associated-with -Sengunthar-Arts-Science-College?bmid= f4523d12fb0d

info@bigmarker.com (organiser)

2:00 pm How to Stay Safe & Healthy During...

Registration Confirmation

How to Stay Safe & Healthy During this Pandemic Situation -Associated with Sengunthar Arts & Science College

Friday, June 5, 2020 · 02:00:00 PM · Chennai Webinar details:

Link

https://www.bigmarker.com/ motherhood-hospitals/Howto-Stay-Safe-Healthy-Duringthis-Pandemic-Situation-Associated-with-Sengunthar-Arts-Science-College? bmid=f4523d12fb0d

Date

Friday, June 5, 2020 · 02:00:00 PM · Chennai

Duration 1 hour

Webinar ID 709e34929597

About

Join Free Webinar - Womens Center by Motherhood Hospitals - Coimbatore Presenter - Dr. Devi (DNB,MRCOG). Topic - How to Stay Safe & Healthy During this Pandemic Situation

WEBINAR ON HEALTH, DIET AND STRESS MANAGEMENT

PARTICIPANTS LIST

B. Sc Biotechnology

1	17BA1227	ASHA.M	
2	17BA1228	BHARANI.K	
3	17BA1229	DEEPA.E	
4	17BA1230	KRISHNAVENI.A	
5	17BA1231	MAHESWARI.S	
6	17BA1232	PAVITHRA.R	
7	17BA1233	POONGOTHAI.G	
8	17BA1234	SAVITHA.M	
9	17BA1235	SOWMIYA.M	
10	17BA1236	SUNANTHASREE.B	
11	17BA1237	THANGAMANI.K	
12	17BA1238	THANISKA.E	
13	17BA1240	VINOTHINI.S	
14	18BA1225	AISHWARYA.U	
15	18BA1226	ARCHANA.S	
16	18BA1227	DHIVYABHARATHI.J	
17	18BA1228	GOKULAPRIYA.M	
18	18BA1229	GOWSHIKA.V	
19	18BA1230	KAVIRANJANI.M	
20	18BA1231	KEERTHANA.J	
21	18BA1232	MAIVIZHI.R	
22	18BA1233	MANISHA.R	
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24	18BA1235	MOHANACHANDRIKA.R	
25	18BA1236	PAVTHRA.S	
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WEBINAR ON HEALTH, DIET AND STRESS MANAGEMENT

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69	19M1319	VINOTHINI.R
70	19M1320	VISALYA.G

How to stay safe and healthy during covid 19 pandemic?

DR. DEVI PUSHPARAJ DGO, DNB, MRCOG(UK) CONSULTANT AT WOMENS CENTER BY MOTHERHOOD



Spread of virus

People can catch COVID-19 from others who have the virus.

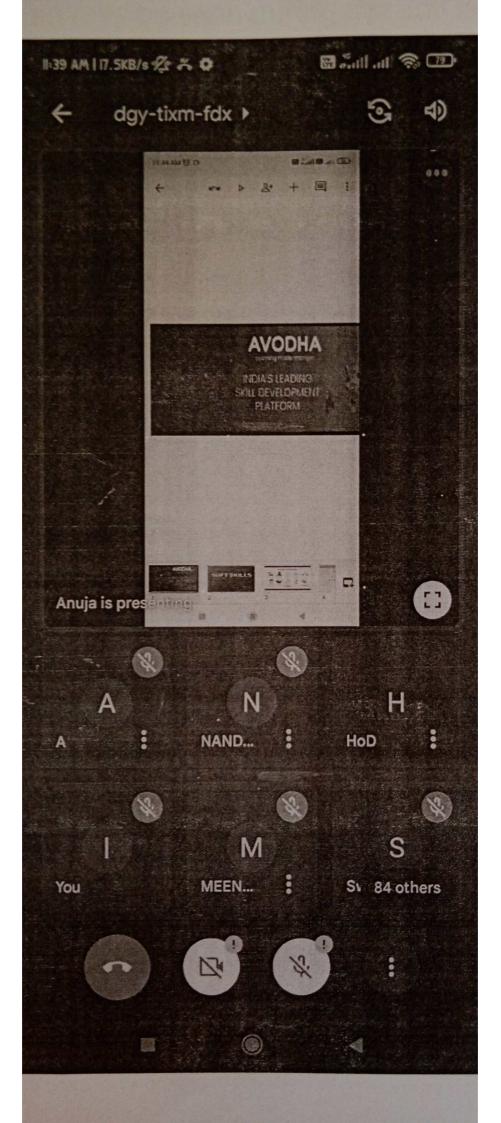
The disease spreads primarily from person to person through small droplets from the nose or mouth, which are expelled when a person with COVID-19 coughs, sneezes, or speaks.

These droplets are relatively heavy, do not travel far and quickly sink to the ground. People can catch COVID-19 if they breathe in these droplets from a person infected with the virus. This is why it is important to stay at least 1 meter) away from others.



Servers reprint and





Messages can only be seen during the call by people on the call



Sowndharya.E Eswaran.R 1 min No doubt mam



Lalitha Nagaraj Now Thank you mam



PRIYADHARSHINI E Now Thank you mam



.SHOBIKA k Now Thank you mam



KRISHNAKUMAR M Now Yeah mam



Dhivagar Nithi Now Thank you mam

Sowndharya.E Eswaran.R and 6 more have left



Abi Dharani Chandra 1 min Thank you mam



Gokul Venkatachalam Now Thank you mam



THANISKA E Now Thank you Mam



Soundharrajan.C.M Murugesan.C Now Thank you mam



VEDHASRIG Now Thank you mam



Pavithra.A Arumugan.M Now Thank you mam



Balaji M Now Thankyou mam

MAHARAJA PRABHU K left



Dhivagar Nithi Now Thank you mam



JANANIK Now Thank you mam



Dhanushya.K Kannan.K Now Thank you mam



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Gokul Venkatachalam Now Thank you mam



THANISKA E Now Thank you Mam



Soundharrajan.C.M Murugesan.C Now Thank you mam

VEDHASRI G Now Tharani Podaran and 3 more have left



Abi Dharani Chandra 2 min Thank you mam



Gokul Venkatachalam 1 min Thank you mam



THANISKA E 1 min Thank you Mam



Soundharrajan.C.M Murugesan.C 1 min Thank you mam



VEDHASRI G 1 min Thank you mam



Pavithra.A Arumugan.M 1 min Thank you mam



Balaji M 1 min Thankyou mam



NANDHA KUMAR. G Now Thank you for your support Mam

Information



Gowtham Sivakumar



HARI HARAN



hari prabhu

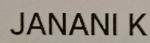


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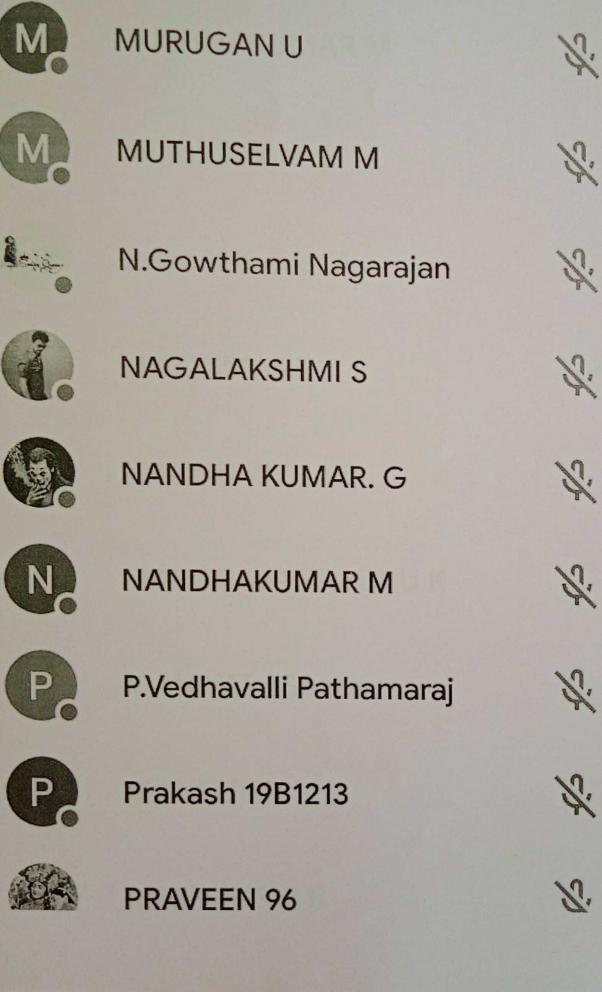
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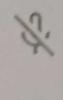
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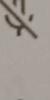


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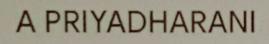
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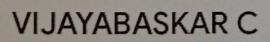
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Soundharrajan.C.M Muru...



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SUGANESWARAN S



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THANISKA E



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Total Number of Students: 20



LIST OF PROJECTS

Department of Biotechnology

Degree/Branch/Semester: II M.Sc., Biotechnology

Academic Year: 2020-2021

5.No.	ROLL. NO.	NAME OF THE STUDENT	PROJECT TITLE	NAME OF THE INTERNAL GUIDE
1	19M1301	ABBUBAKKAR SIDDQ.A	INVITROPROPAGATION AND ANTIBACTERIAL STUDIES IMPORTANT MEDICINAL PLANT VITEX INDIGO.	Mrs.K.VISHNUKUMARI
2	19M1302	AJITH KUMAR.P	A REVIEW OF DETERMINATION OF HEAVY METALIN TILAPIA AND WATER HYACINTH	Ms.R.RAJARAJESHWARI
3	19M1303	DHANAPAL.V	CHARACTERIZATION AND IMMUNOGENECITY ANALYSIS OF THE LIPOPOLYSACCHARIDE EXTRACTED FROM FISH PATHOGENS AEROMONAS HYDROPHILA.	Mr.K.VIVEK
4	19M1304	HARIPRASANTH.P	A REVIEW ON CORONA VIRUS (COVID-19)	Ms.R.RAJARAJESHWARI
5	19M1305	KESAVAN.M	A REVIEW ON NIPAH VIRUS	Ms.R.RAJARAJESHWARI
6	19M1306	MOGESHWARAN.S	ANTIBACTERIAL AND PHYTOCHEMICAL INVESTIGATION OF IXORA COCCINAE	Ms.M.LAVANYA
7	19M1307	MOHAMMED HASIM.S	A REVIEW OF PHYTOCHEMICAL AND ANTIFUNGAL SCREENING OF SCHEFFLERA VENULOSA	Ms.R.RAJARAJESHWARI
8	19M1308	MOHAN KUMAR.S	EXTRACTION, ISOLATION AND PURIFICATION EXOPOLYSACCHARIDE FROM LACTIC ACID BACTERIA USING ETHANOL PRECIPITATION METHOD	Mr.K.VIVEK



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	19M1309	MUTHUPANDLS	PHYTOCHEMICAL AND ANTIBACTERIAL	Mr.K.VIVEK
9	191411309	Merrieradi.5	ACTIVITY RICINUS COMMUNIS	
	19M1310	SANDEEP.V	INVITROPROPAGATION AND ANTIBACTERIAL	Mrs.K.VISHNUKUMARI
10			STUDIES IMPORTANT MEDICINAL PLANT VITEX	
			INDIGO.	
	19M1311	SATHIS KUMAR.B	GROWTH ASSOCIATED EXOPOLYSACCAHARIDE	Mr.K.VIVEK
П			EXPRESSION IN LACTOCOCCUS LACTIS SUB SP.	
			CREMORIS ROPY 352	
12	19M1312	SIVA.S	INDUSTRIAL EFFLUENT OF DYE DEGRADATION	Ms.M.LAVANYA
		1927	BY SOIL FUNGUS	
	19M1313	SURYA.S	EFFECT OF TREATMENTON SEED GERMINATION,	Mrs.K.VISHNUKUMARI
13			INVITRO PROPAGATION AND CALLUS	
		1 1	INDUCTION OF CANAVALLA GLADIATA	
	19M1314	DEEPA.S	STUDIES ON THE STATUS OF BENEFICIAL	Ms.M.LAVANYA
14			MICROFLORA IN SELECTED TREE SPECIES	
			GROWING IN LIGNITE MINE SPOILING AREA.	
	19M1315	PAVITHRA.S	CHARACTERIZATION OF BACTERIOCIN	Dr.P.VANATHI
15			PRODUCED FROM LACTIC ACID BACTERIA	
			ISOLATED FROM SHRIMP WASTE AND SHRIMP	
			GUT.	D. D. HANDATERIN
	19M1316	PRIYA.M	CHARACTERIZATION OF BACTERIOCIN	Dr.P.VANATHI
16			PRODUCED FROM LACTIC ACID BACTERIA	
			ISOLATED FROM SHRIMP WASTE AND SHRIMP	
		ITION	GUT.	
17	19M1317	SHANTHIKAJI.K	ISOLATION AND IDENTIFICATION OF	Mrs.K.VISHNUKUMARI
17	a starting and		MICROORGANISMS IN CONTAMINANTS.	D. D. MANIA THIN
1.0	19M1318	VANITHADEVI.K	CHARACTERIZATION OF BACTERIOCIN	Dr.P.VANATHI
18			PRODUCED FROM LACTIC ACID BACTERIA	
			ISOLATED FROM SHRIMP WASTE AND SHRIMP	
			GUT,	

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19	19M1319	VINOTHINI.R	MICROBIAL ASSESSMENT OF INDOOR AND OUTDOOR AIR FROM COLLEGE IN DIFFERENT PLACES.	Mrs.K.VISHNUKUMARI
20	19M1320	VISALYA.G	GREEN SYNTHESIS OF SILVER NANOPARTICLES EMBEDED WITH ALLIYUM CEPA EXTRACTBACTERIAL SKIN PATHOGENS	Ms.M.LAVANYA

PRINCIP.

This is to certify that the dissertation entitled "CHARACTERIZATION AND IMMUNOGENICITY ANALYSIS OF THE LIPOPOLYSACCHARIDE EXTRACTED FROM FISH PATHOGEN AEROMONAS HYDROPHILA" submitted in partial fulfillment of the requirement of the degree of "MASTER OF SCIENCE IN BIOTECHNOLOGY" to the Periyar University. Salem is a record of the Bonafide research work done by Mr. V. DHANAPAL (Reg. No. 19PBT1094) under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree ,diploma, fellowship or other similar titles or prizes and that work has not been published in part of full in any scientific or popular journals of magazines

ResearchSupervisor (Mr. K. Vivek M.Sc, (Ph. D))

Head of the Department (Dr. P. Vanathi)

Examiner 1. to My Doch

Examiner 2.....

ATTESTED

This is to certify that the dissertation entitled "INVITRO MICROPROPAGATION AND ANTIBACTERIAL STUDIES ON IMPORTANT MEDICAL PLANT VITEX NEGUNDO" Submitted in partial fulfillment of the requirement of the degree of Master of Science in Biotechnology to the Periyar University, Salem is a record of the bonafide research work carried out by V.SANDEEP, Reg.No 19PBT1101 under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific or popular journals or magazines.

R. C. D. D. Signature of the Guide

T. XO CM

Signature of the Head of The Department

Submitted for the viva-voce examination held on 16. 04. 2021

Examiner 1. R. D. W. Mul

Examiner 2.....

TTESTED

of "Characterisation This is to certify that the dissertation entitled bacteriocin produced from lactic acid bacteria isolated from shrimp wastes and shrimp gut" submitted to Periyar University in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN BIOTECHNOLOGY" is a bonafide of original research work done by Ms. S.PAVITHRA during the period of her study in the SCIENCE Department of Biotechnology, AND ARTS SENGUNTHAR COLLEGE, TIRUCHENGODE, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any other candidate of any other university or Institution of higher learning.

Countersigned by,

Head of the Department.

(Dr.P

Dr.P. Vanathi Head & Assistant Professor PG & Research Department of Biotechnology Sengunthar Arts and Science College Tiruchengode, Namakkal District Pincode - 637 205

Signature of

Guide and supervisor

Dr.P. Vanathi Head & Assistant Professor PG & Research Department of Biotechnology Sengunthar Arts and Science College Tiruchengode, Namakkal District Pincode • 637 205

Examina.'-P. Lithy 114/2024

ATTESTED

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Countersigned by,

Head of the Department. xptwf (Dr. P.VANATHI)

Dr.P. Vanathi Head & Assistant Professor PG & Research Department of Biotechnology Sengunthar Arts and Science College Tiruchengode, Namakkal District Pincode - 637 205 Signature of

Guide and supervisor (Dr. P.VANATHI)

56

Dr.P. Vanathi Head & Assistant Professor PG & Research Department of Biotechnology Sengunthar Arts and Science College Tiruchengode, Namakkal District Pincode - 637 205

Zpanine: T. OThie Holypon

ATTESTED

of This is to certify that the dissertation "Characterisation entitled bacteriocin produced from lactic acid bacteria isolated from shrimp wastes and shrimp gut" submitted to Periyar University in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN BIOTECHNOLOGY" is a bonafide of original research work done by Ms.K.VANITHADEVI during the period of her study in SCIENCE the Department of Biotechnology, AND ARTS SENGUNTHAR COLLEGE, TIRUCHENGODE, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any other candidate of any other university or Institution of higher learning.

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Head of the Department.

(Dr. P.VANATHI)

Dr.P. Vanathi Head & Assistant Professor PG & Research Department of Biotechnology Sengunthar Arts and Science College Theory of Namakkal District de : 637 205

Signature of

Guide and Supervisor

Dr. P.VANATHI)

Dr.P. Vanathi Head & Assistant Professor PG & Rosearch Department of Biotechnology Sengunthar Arts and Science College Tiruchengode, Namakkal District Pincode - 637 205

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Department of Marine Biotechnology Bharathidasan University, Tiruchirappalli 620 024, Tamil Nadu, India.

Dr. K. Anbarasu Associate Professor

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This is to certify that the dissertation work entitled "Characterization and Immunogenicity Analysis of the Lipopolysaccharide Extracted from Fish Pathogen Aeromonas hydrophila" is a bonafide work of V. Dhanapal (Reg.No.19PBT1094) student of M.Sc. Biotechnology, Sengunathar Arts and Science College (Affiliated to Periyar University), Tiruchengode carried out under my supervision as a partial fulfilment for the award of Master of science in Biotechnology during the academic year of 2019-2021. I further certify that no part of this dissertation has been submitted anywhere else for the award of any Degree, Diploma, and Associateship, Fellowship or other similar titles to any candidates.

External examiner

Place: Tikuchengoole Date: 16-04-2021

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Tel. No.: +91 431-2407071 Ext. - 436 | Fax : 0431- 2407045 | Mobile : +91 9047374606 E-mail: anbumbt@bdu.ac.in Web: www.bdu.ac.in

This is to certify that the dissertation entitled "INVITRO MICROPROPAGATION AND ANTIBACTERIAL STUDIES ON IMPORTANT MEDICAL PLANT VITEX NEGUNDO" Submitted in partial fulfillment of the requirement of the degree of Master of Science in Biotechnology to the Periyar University, Salem is a record of the bonafide research work carried out by A.ABBU BAKKAR SIDDQ, Reg.No 19PBT1092 under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific or popular journals or magazines.

A Signature of the Guide

Head of

The Department

Submitted for the viva-voce examination held on

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Signature of the Guide

MISS R RAJARA JESHWARI, M Sc. M.Phil. ASSISTANT PROPERTS PG & Research Department of Sengunther Arts & Scie TIRUCHENGODE - 637 200

T. O. Imp

Signature of the Head

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This is to certify that the dissertation entitled "A REVIEW OF DETERMINATION OF HEAVY METALS IN TILAPIA (OREOCHROMIS NILOTICUS) AND WATER HYACINTH (EICHHORNIA CRASSIPES)" Submitted in partial fulfillment of the requirement of the degree of Master of Science in Biotechnology to the Periyar University, Salem is a record of the bonafide research work carried out by Mr.P.AJITH KUMAR, Reg.No 19PBT1093 under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific or popular journals or magazines.

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Signature of the Head

Submitted for the viva-voce examination held on 16.04 2021

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Signature of the Guide

Miss P RA IADA IF SHWARI M Sc. M.Phil. PG a Recer. Double ogy. Senguntha Arts & Scie ge. TIRUCHENGODE - 637 205.

Signature of the

Signature of the

Submitted for the viva-voce examination held on 16.04.2021

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APRIL-2021

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This is to certify that the dissertation entitled "EFFECT OF TREATMENT ON SEED GERMINATION, INVITRO PROPAGATION, CALLUS INDUCTION OF CANAVALLA GLADIATA" Submitted in partial fulfillment of the requirement of the degree of Master of Science in Biotechnology to the Periyar University. Salem is a record of the bonafide research work carried out by Mr.S.SURVA, Reg.No 19PBT1104 under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific or popular journals or magazines.

& Contact Signature of the Guide

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Signature of the Head -

Submitted for the viva-voce examination held on

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This is to certify that the dissertation entitled "growth associated exopolysaccharide expression in lactococus lactis subspecies cremoris ropy352" submitted to Periyar University in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN BIOTECHNOLOGY" is a bonafide of original research work done by Mr.B.SATHIS KUMAR during the period of her study in the Department of Biotechnology, SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any other candidate of any other university or Institution of higher learning.

Countersigned by,

Head of the Department.

Signature of

Guide and supervisor

(Dr. P.VANATHI)

(Mr.K.VIVEK)

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AND "PHYTOCHEMICAL This is to certify that the dissertation entitled OIL COMMUNIS(CASTOR ANTIBACTERIAL ACTIVITY RICINUS OF PLANT)"submitted in partial fulfillment of the requirement of the degree of "MASTEROFSCIENCEINBIOTECHNOLOGY" to the Periyar University, Salem is a record of the Bonafide research work done by Mr.S. MUTHUPANDI (Reg. no. 19PBT1100) under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree ,diploma, fellowship or other similar titles or prizes and that work has not been published in part of full in any scientific or popular journals of magazines

Signature of theResearchSupervisor

Signature of the Head of

Deportment

Submitted for the viva-voice examination held on. 16. A. 2021

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This is to certify that the dissertation entitled "EXTRACTION, ISOLATION AND PURIFICATION OF EXOPOLY SACCHARIDE FROM LACTIC ACID BACTERIA USING ETHANOL PRECIPITATION METHOD". Submitted in partial fulfillment of the requirement of the degree Of "MASTEROFSCIENCEINBIOTECHNOLOGY" to the Periyar University, Salem is a record of the Bonafide research work done by Mr.S. MOHAN KUMAR (Reg. no. 19PBT1099) under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree ,diploma, fellowship or other similar titles or prizes and that work has not been published in part of full in any scientific or popular journals of magazines.

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Signature of the Head Of

the Department

Submitted for the viva-voice examination held on .. 16. 04. 2021

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This is to certify that the dissertation entitled "A REVIEW OF PHYTOCHEMICAL AND ANTIFUNGAL SCREENING OF SCHEFFLERA VENULOSA" Submitted in partial fulfillment of the requirement of the degree of Master of Science in Biotechnology to the Periyar University, Salem is a record of the bonafide research work carried out by Mr.S.MOHAMMED HASIM, Reg.No 19PBT1098 under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific or popular journals or magazines.

Signature of the Guide

Miss. R. RAJARAJESHWARI, M.Sc., M.Phil., ASSISTANT PROFESSOR FC & Research Decement of Biomology, Songunthar Arts & Bcience College, TIRUCHENGODE - 637 205.

Submitted for the viva-voce examination held on 16-04-202

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This is to certify that the dissertation entitled "Industrial effluent of the dye degradation by soil fungus" submitted to Periyar University in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN BIOTECHNOLOGY" is a bonafide of original research work done by Mr. S.SIVA during the period of her study in the Department of Biotechnology. SENGUNTHAR ARTS AND SCIENCE COLLEGE, TIRUCHENGODE, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any other candidate of any other university or Institution of higher learning.

Countersigned by.

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Head of the Department.

Signatur

Guide and supervisor

(Dr. P.VANATHI)

(Ms.M.LAVANYA)

ATTESTED

atte

This is to certify that the dissertation entitled " GREEN SYNTHESIS OF SILVER NANOPARTICLES EMBEDDED WITH Allium cepa EXTRACT BACTERIAL SKIN PATHOGENS" Submitted in partial fulfillment of the requirement of the degree of Master of Science in Biotechnology to the Periyar University, Salem is a record of the bonafide research work carried out by Ms.VISALYA, G, Reg.No 19PBT1111 under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific or popular journals or magazines.

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Submitted for the viva-voce examination held on 10.04 . 2021.

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This is to certify that the dissertation entitled "Antibacterial and phytochemical investigation of *ixora coccinea*" submitted to Periyar University in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN BIOTECHNOLOGY" is a bonafide of original research work done by Mr. S.MOGESHWARAN during the period of her study in the Department of Biotechnology. SENGUNTHAR ARTS AND SCIENCE COLLEGE.TIRUCHENGODE, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or other similar title to any other candidate of any other university or Institution of higher learning.

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Countersigned by,

Head of the Department.

8/m Dr. P.VANATHD

Guide and supervisor

(Ms.M.LAVANYA)



This is to certify that the dissertation entitled "STUDIES ON THE STATUS OF BENEFICIAL MICROFLORA IN SELECTED TREE SPECIES GROWING IN LIGNITE MINE SPOIL AREA" Submitted in partial fulfillment of the requirement of the degree of Master of Science in Biotechnology to the Periyar University, Salem is a record of the bonafide research work carried out by Ms.S.DEEPA, Reg.No 19PBT1105 under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific or popular journals or magazines.

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This is to certify that the dissertation entitled "MICROBIAL ASSESSMENT OF INDOOR AND OUTOOR AIR FROM COLLEGE IN DIFFERENT PLACE" Submitted in partial fulfillment of the requirement of the degree of Master of Science in Biotechnology to the Periyar University. Salem is a record of the bonafide research work carried out by Ms.R.VINOTHINI, Reg.No 19PBT1110 under my supervision and guidance and that no part of the dissertation has been submitted for the award of any degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in part of full in any scientific or popular journals or magazines.

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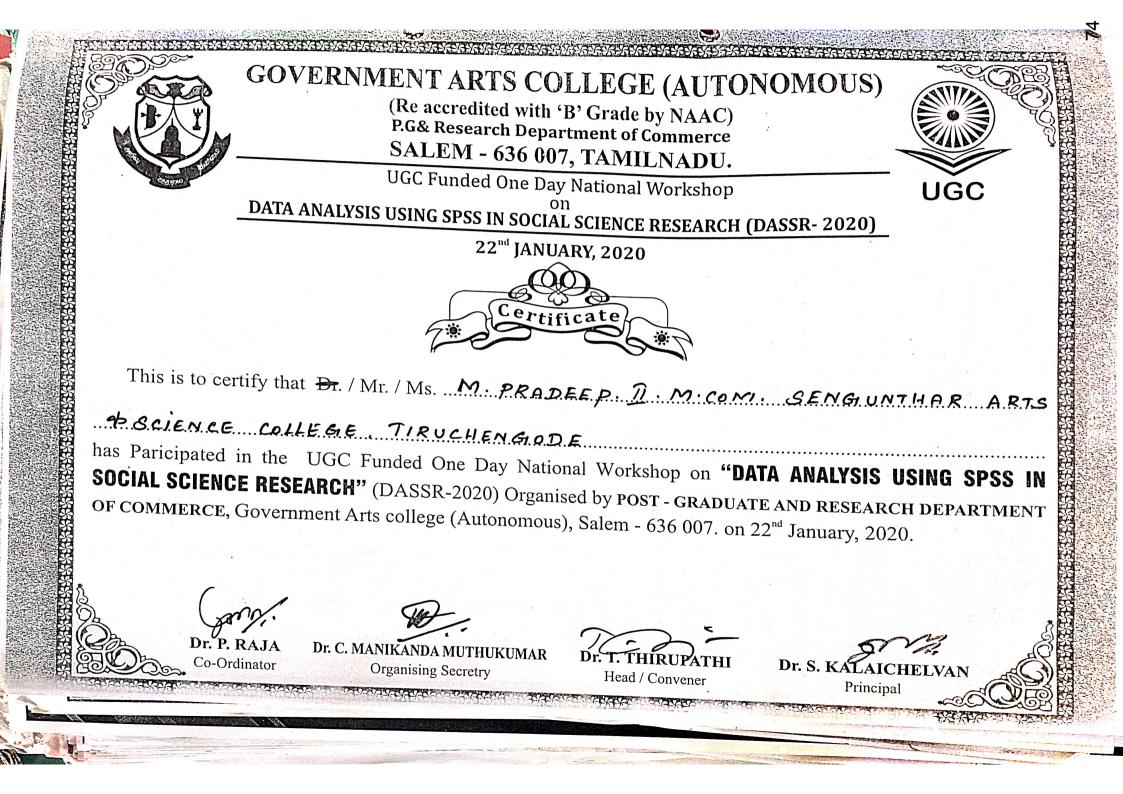
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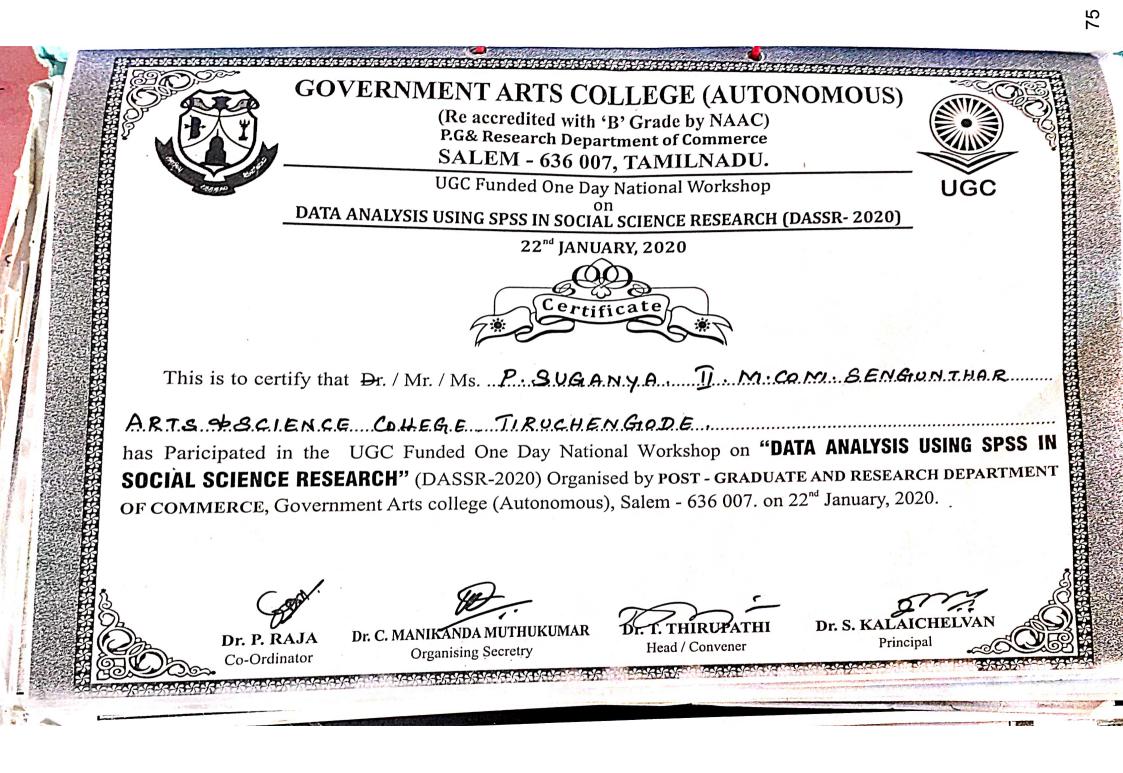
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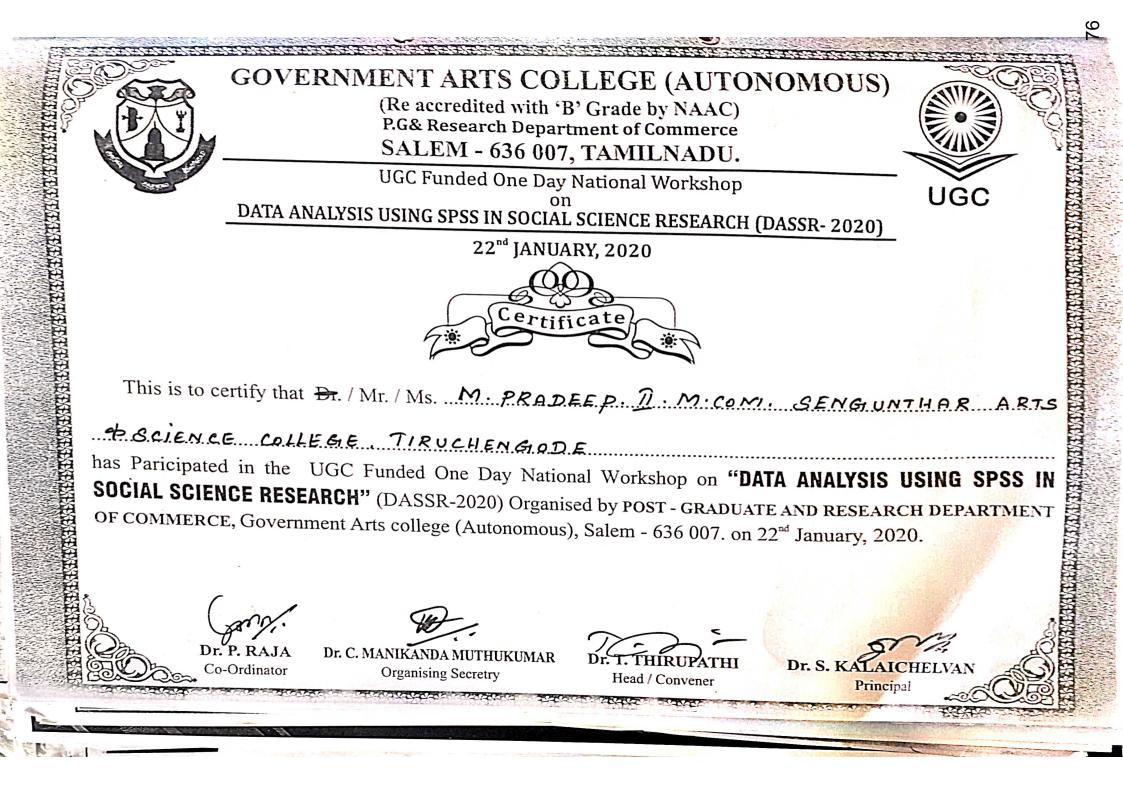
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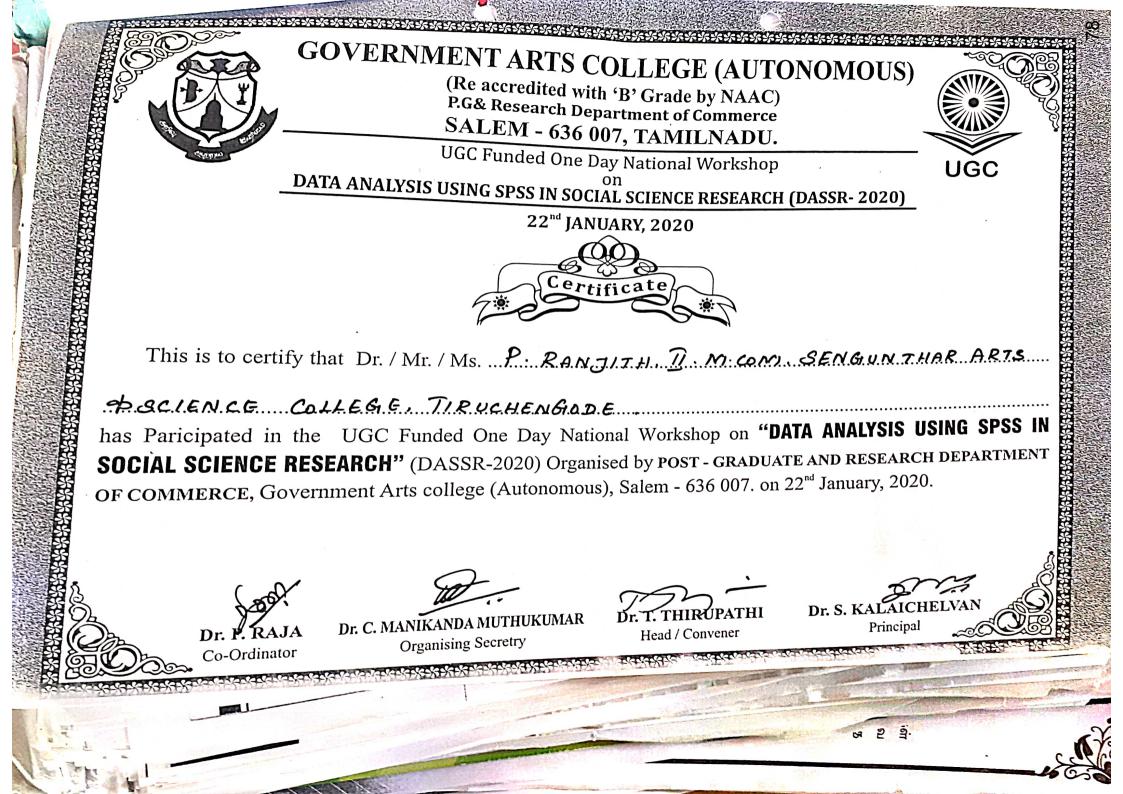
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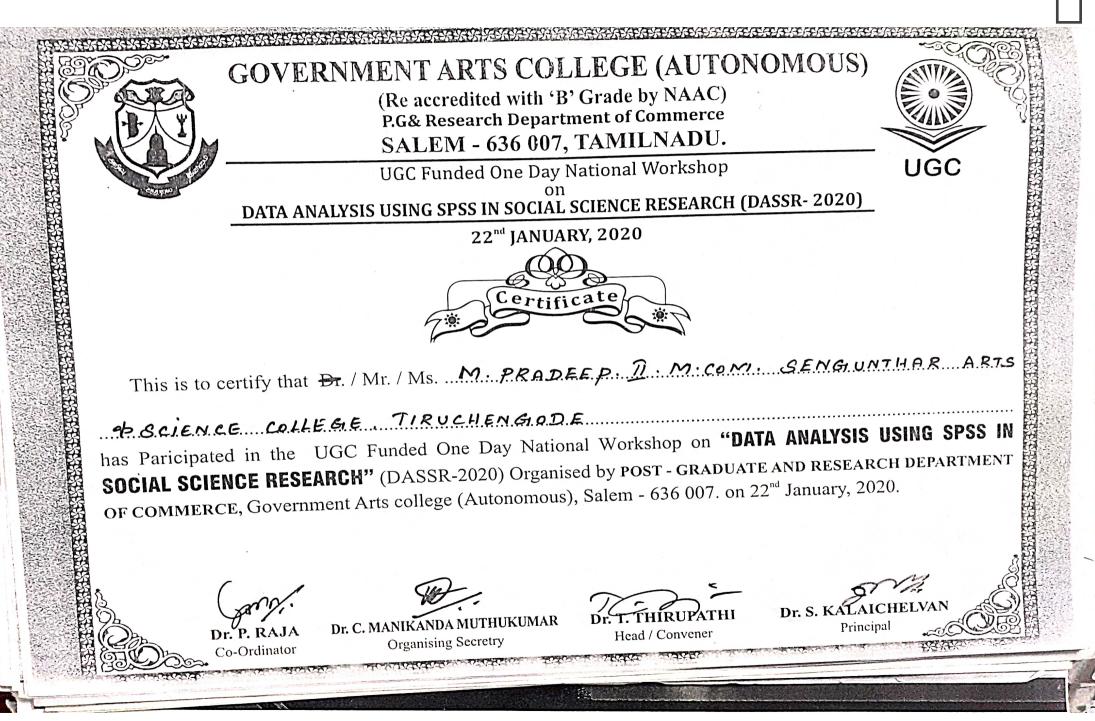


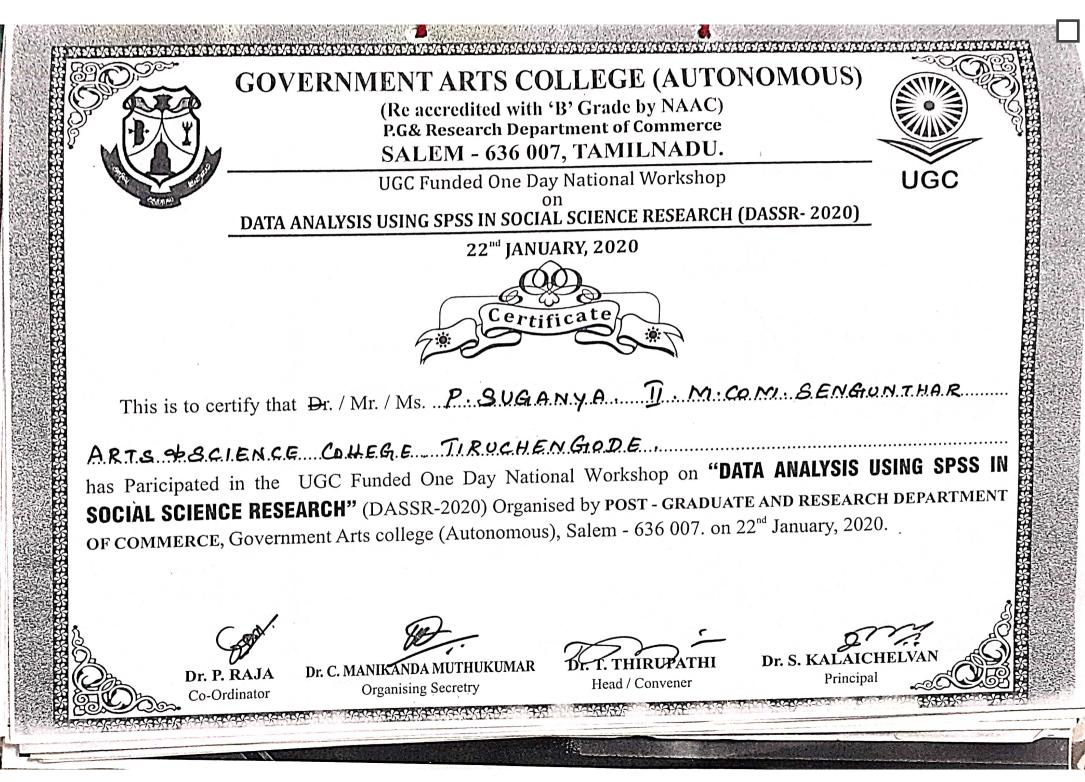


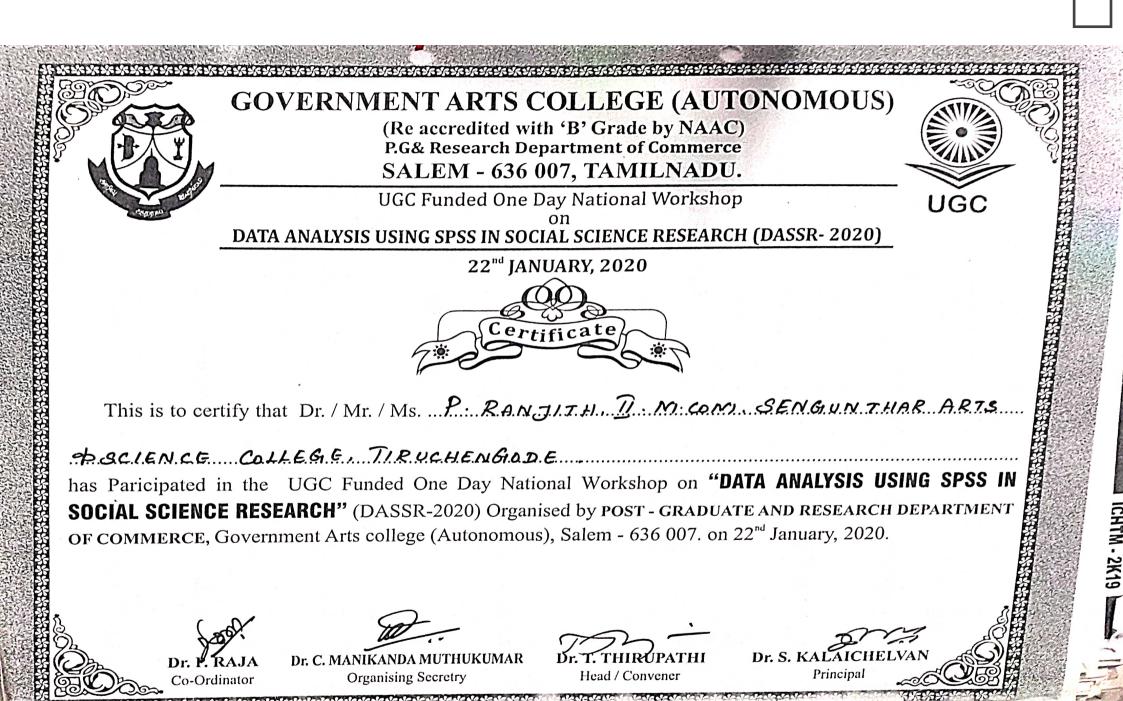
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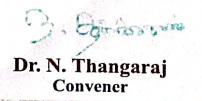


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