



VIVEKANANDA COLLEGE
College with Potential for Excellence
Residential & Autonomous – A Gurukula Institute of Life Training
Re-accredited with “A” Grade (CGPA 3.59 out of 4.0) by NAAC
Affiliated to Madurai Kamaraj University
TIRUVEDAKAM WEST - 625234, MADURAI DISTRICT
DEPARTMENT OF BOTANY



Student Development Programme **(DBT - Star College Scheme)**

Date: 15.03.2022 (Tuesday)

Time: 2.00 p.m. – 4.00 p.m.

SCHEDULE

Prayer	: Om Shanavavathu
Welcome Address	: Dr. V. RAMESH, Assistant Professor & Head
Presidential Address	: Dr. T. VENKATESAN, Principal
Felicitation Address	: Dr. V. Parthasarathy, Vice Principal
Blessings	: SWAMI VEDANANDA, Secretary SWAMI ADHYATHMANANDA, Kulapathi
Instrument Donation	: Soxhlet Apparatus with Heating Mandle
Resource Person	: Dr. V. THAMARAIKANI State Referee, Tamil Nadu Silambam Association, Vairavelkani Silambam Academy, Coimbatore.
Topic	: An Exposure to Plant Research – A Journey to Phyto-medicine
Vote of Thanks	: Dr. T. Sellathurai, Assistant Professor of Botany
Prayer	: Sarve Bavanthu
Master of Ceremony	: Dr. V. Kumarasamy, Assistant Professor of Botany

Venue: Botany Department

Welcome to all

VIVEKANANDA COLLEGE

College with Potential for Excellence

Tiruvedakam West, Madurai,

Tamil Nadu, India

Student Skill Development Programme

(DBT Star College Scheme)

Organized by

Department of Botany

RESOURCE PERSON

Dr. V. THAMARAİKANI

State Referee,

Tamil Nadu Silambam Association,

Vairavelkani Silambam Academy,

Coimbatore.

Date: 15.03.2022 & Time: 2.00 pm to 4.00 pm

Department of Botany organized One Day Programme for Student development programme under DBT Star College Scheme. In this programme, **Dr. T. Venkatesan**, Principal of Vivekananda College delivered a presidential address; in his address he has highlights about the significance of plant research in the field of medicines. Then Vice Principal and DBT star college scheme coordinator **Dr.V. Parthasarathy** has given felicitation address. In his Address he highlights the importance of plants for human healths. Further, **Dr. V. Ramesh**, Assistant Professor & Head, Department of Botany & organizing coordinator of this programme welcome the gathering and introduce the resource person.

This programme consist of two sessions namely guest lecture and donation of research instrument. In the first sessions our Proud alumnus Dr. V. Thamaraiikani, Former research Scholar, Department of Botany, Bharathiyar University, Coimbatore, delivered live interactive lecture entitled an exposure to plant research – a journey to phyto medicine. He has given a detailed talk consist of history of plant research, importance of plants, collection of plant parts, extraction and screening of extracts with his own experiences. He also shares his under graduate experiences in our Vivekananda College. Moreover, he also gave live demonstration about how to handle Soxhlet apparatus. The second session consists of our proud alumnus Dr. V. Thamaraiikani, donate a research instrument namely Soxhlet apparatus to our for our botany department welfare as a token of love.

Finally, Dr. V. Kumarasamy, Assistant Professor, Department of Botany propose the vote of thanks for this Programme. The Program was hosted by Dr. C. Soundaraju, Assistant Professor Botany. Students participants are eagerly interacted with resource person.

Programme invitation and Schedule

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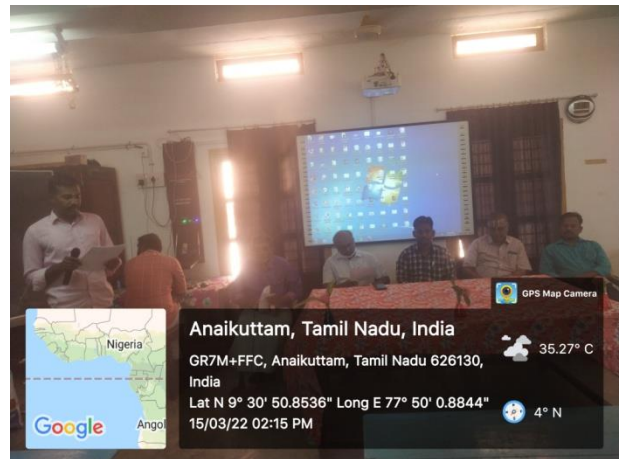
Prayer : Om Shanavavathu
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Instrument Donation : Soxhlet Apparatus with Heating Mandle
Resource Person : Dr. V. THAMARAİKANI
State Referee,
Tamil Nadu Silambam Association,
Vairavelkani Silambam Academy,
Coimbatore.

Topic : An Exposure to Plant Research – A
Journey to Phyto-medicine

Vote of Thanks : Dr. T. Sellathurai, Assistant Professor of Botany
Prayer : Sarve Bavanthu
Master of Ceremony : Dr. V. Kumarasamy, Assistant Professor of Botany


Venue: Botany Department
Welcome to all





Some snaps during Programme

Dr.V. THAMARAIKANI

Present Address		Permanent Address
C/O Dr. T. Sekar Department of Botany Bharathiar University Coimbatore - 641 046 Tamil Nadu, India		S/O Velmurugan.M Thandiyankulam, Thummagundu (Post) , Andipatti (TK),Varusanadu via, Theni - 625 579,Tamil Nadu, India
E-mail: vairavelkani@gmail.com Mobile: +91 7871683840		

Educational Qualifications

ACADEMIC CREDENTIALS	INSTITUTE	BOARD / UNIVERSITY	PERCENTAGE	YEAR	MEDIUM
Ph.D	Bharathiar University	Bharathiar University	Highly commended	Oct 2021	English
M.Sc	Bharathiar University	Bharathiar University	78%	April 2016	English
B.Sc	Vivekananda College	Madurai Kamaraj University	71%	April 2014	English
H.Sc	Govt. HSS	State Board	56%	April 2011	Tamil
SSLC	Govt. HSS	State Board	55%	April 2009	Tamil

Curriculum Vitae

Skill Based Certificate Courses

COURSE	INSTITUTION	BOARD / UNIVERSITY	PERCENTAGE	YEAR	MEDIUM
Bioinstrumentation	Vivekananda College	Madurai Kamaraj University	45%	2013	English
Horticulture	Vivekananda College	Madurai Kamaraj University	70%	2012	English
Mushroom Cultivation	Vivekananda College	Madurai Kamaraj University	66%	2013	English
Plant Breeding	Vivekananda College	Madurai Kamaraj University	64%	2014	English
Biodiversity Conservation & Management	Vivekananda College	Madurai Kamaraj University	70%	2014	English
Nanobiology	Vivekananda College	Madurai Kamaraj University	73%	2014	English

Value Based Courses

COURSE	INSTITUTION	BOARD / UNIVERSITY	PERCENTAGE	YEAR	MEDIUM
General Knowledge	Vivekananda College	Madurai Kamaraj University	49%	2014	English
Spiritual Education	Vivekananda College	Madurai Kamaraj University	50%	2014	English
Wit for Wisdom & Humour for Health	Vivekananda College	Madurai Kamaraj University	43%	2014	English
Citizenship Training & Self Study Scheme	Vivekananda College	Madurai Kamaraj University	91%	2014	English
Physical Training (Silambam)	Vivekananda College	Madurai Kamaraj University	52%	2014	English

Academic Credentials

- Course : (Ph.D), **Doctor of Philosophy in Botany (2016-2021)**
Ph.D Awarded on 29 Oct 2021
- Institution : Department of Botany, Bharathiar University, Coimbatore,
Tamil Nadu, India.
- Supervisor : Dr. T. Sekar, Assistant Professor.
- Field of Study : Bioprospecting of Medicinal plants and Aromatic plants.
- Title of thesis : **EVALUATION OF PHYTOCHEMICALS AND PHARMACOLOGICAL
PROPERTIES OF *FICUS TSJAHOLA* Burm.f.**
- PG Course : **Master of Science in Botany (2014-2016)**
- Institution : Department of Botany, Bharathiar University, Coimbatore,
Tamil Nadu, India.
- UG Course : **Bachelor of Science in Botany (2011-2014)**
- Institution : Vivekananda College Affiliated to Madurai Kamaraj University,
Madurai, Tamil Nadu, India.

Achievements and Awards

- Received First Rank Holder Award 2014 from Vivekananda College (Autonomous), Madurai, Tamil Nadu, India.
- Akshaya educational award (gold medal) for best student 2014 Received from Vivekananda College (Autonomous), Madurai, Tamil Nadu, India.
- Chellaiyadevar gold medal award for college topper 2014 Received from Vivekananda College (Autonomous), Madurai, Tamil Nadu, India.

Research Experience:

Laboratory Techniques Known

Biochemical Studies

- Active compound extraction from plants
- Antioxidant assays
- Thin layer chromatography
- Column Chromatography

Curriculum Vitae

- HPLC analysis.

Proteomics

- SDS-PAGE
- Protein Extraction

Pharmacology:

- Handling and maintenance of laboratory animals
- Expertise in various animal models like wound healing, hepatic disease, antiulcer, anti-inflammatory, analgesic.

Taxonomy:

- Plant collection and identification
- Documentation
- Herbarium preparation

Computer Skills:

- Competent user of Microsoft packages including PowerPoint, Word and Excel.
- Proficient user of SPSS (ANOVA).

Technical Expertise

- Analytical Instrumentation: UV–Visible Spectrophotometer, Centrifuge and HPLC.
- In-vitro and In- vivo Phytochemicals and Pharmacological Assays.
- Handling and maintenance of laboratory animals.
- Expertise in various animal models like Anti-Ulcer activity, wound healing and anti-inflammatory, analgesic.

Extracurricular activities:

- Participated in National Service Scheme (NSS) field work UG.
- Silambam Master (State Referee) Tamilnadu Silambam Association, Coimbatore district.
- 6th to 8th July 2017, **Entrepreneurship Awareness Camp – 2017**, Organized by Department of Botany, Bharathiar University, Coimbatore
- Vairavelkani Silambam Club (Master), Registered Coimbatore Silambam Association.
- Silambam Kalaiselvan and Thuronar Award Received from Indian Silambam Federation 2021.

Personal Details

Full Name	V. ThamaraiKani
Mother's Name	V. Vairamani
Date of Birth	03.04.1994
Gender	Male
Religion	Hindu
Community	SC
Languages	Tamil, English
Marital Status	Unmarried
Nationality	Indian

List of Publications

1. **ThamaraiKani V¹**, AmalaDivya. S.*, Sekar T. Allelopathy Effect of Phytochemicals in Laticiferous Species *Sarcostemma brunonianum* Wight & Arn and *Ficus tjakela* Burm. f. on Vegetative Growth of *Sorghum bicolor* (L.) Moench. Research & Reviews: A Journal of Life Sciences, Volume 9, Issue 1, 43-50, 2019. (**UGC approved journal**).
2. **ThamaraiKani V.***, AmalaDivya. S, Sekar T. Analysis of the Phytochemicals, Antioxidants and Antimicrobial Activity of *Ficus tjakela* Burm. f. leaf, bark and fruit extracts. Asian Journal of Pharmaceutical and Clinical Research, Volume 14, Issue 2, 2020, 1-6. (**Elsevier Products (EMBASE & EBSCO), SCImago (SJR) 0.14**).
3. AmalaDivya S*., **ThamaraiKani V.¹**, Sekar T.². Assessment of Phytochemicals and In-Vitro Antioxidant, Anti-inflammatory Activity of *Sarcostemma Brunonianum* Wight and Arn., *Int J Curr Pharm Res*, vol 13, issue 1, 64-69, 2021. (**Elsevier Products (EMBASE & EBSCO), SCImago (SJR) 0.12**).
4. Murugan, Mariraj*, Kalidoss Rajendran¹, **ThamaraiKani Velmurugan²**, Shenbagam Muthu¹, Mallikarjuna Gundappa³, and Sekar Thangavel². "Antagonistic and antioxidant potencies of *Centrosema pubescens* benth extracts against nosocomial infection pathogens." *Biocatalysis and Agricultural Biotechnology* 29 (2020): 101776. (**SCI mago journal Rank (SJR): 0.506, Elsevier SCI journal**).
5. AmalaDivya. S, **ThamaraiKani.V**, Vijaya Lakshmi, Vinitha.M. M, Sekar.T.*A Report on Some Lactiferous Species of Maruthamalai Hills of the Southern Western Ghats of Coimbatore District, India. Research & Reviews: Journal of Ecology. 2018; 7 (1): 1-7p. (**UGC approved journal**).

6. AmalaDivya S.*, **ThamaraiKani V.**, Sekar T. Rust Resistance in Hexaploid Wheat (*Triticumaestivum* L. emThell) Research & Reviews: Journal of Crop Science and Technology. 2018; 7 (1): 11-21p. (**UGC approved journal**).

Seminars / Workshops / Conferences

List of Seminars, conferences and workshop participated

Workshops Attended

- 3rd and 4th March 2016, National Workshop on **Intellectual Property Rights**, Organized by Department of Botany, Bharathiar University, Coimbatore
- 20th December 2017, A **National Level Workshop on Organic Terrace Garden – Aspects and Prospects** Organized by Department of Botany, Bharathiar University, Coimbatore
- 26th & 27th July 2017, National Workshop on **Think Tank Initiation for IPR Policy Implementation** jointly organized by Department of Botany and IPR Cell, Bharathiar University, Coimbatore.
- 27th October 2017, National Workshop on **In vivo and In vitro cultivation practices of lucrative orchids**, Organized by Department of Botany, Bharathiar University, Coimbatore.
- 2nd & 3rd February 2017, Science Academies Lecture Workshop on Glimpses of Plant Sciences organized by Department of Botany, Nirmala College for Women, Coimbatore.

Poster presentation

- 12 & 13th March 2018, National Conference on **Biodiversity and its Conservation: Priorities and Challenges (NCBCPC-2018)** organized by Department of Botany, Coimbatore.

Seminars Attended International/National

- 14th October 2016, International Seminar on **Algal Biotechnology: An Ecofriendly Soluion for Food, Fuel and Health** organized by Research Centre for Plant Sciences, Department of Botany, St Mary's College (Autonomous), Thoothukodi.
- 20th and 21st March 2017, National Seminar on **Biodiversity Conservation and Sustainable Utilization**, Department of Botany, Bharathiar University, Coimbatore.
- 12th February 2018, **One Day Meet on Intellectual Property Rights – 2018**, Entrepreneurship Development and Innovation Institute, Chennai ED Cell, Anna University Regional Campus, Coimbatore and IPR cell, Bharathiar University, Coimbatore
- 3rd and 4th October 2019, Two days National seminar on **Bioprospecting of biodiversity for Agriculture and Medicine (BBAM-2019)**, Department of Botany, Bharathiar University, Coimbatore.

M.Sc. Project

SURVEY ON ETHNO VETERINARY MEDICINAL PLANTS ON VARUSANADU HILLS, SOUTHERN WESTERN GHATS OF TAMILNADU.

Ph. D Thesis

EVALUATION OF PHYTOCHEMICALS AND PHARMACOLOGICAL PROPERTIES OFFICUS TSJAHOLA Burm.f.

References

Dr. T. Sekar	Dr. T. Parimelazhagan	Dr. N. Geetha
Assistant Professor	Professor	Professor
Department of Botany	Department of Botany	Department of Botany
Bharathiar University	Bharathiar University	Bharathiar University
Coimbatore-641046.	Coimbatore-641046.	Coimbatore-641046.
Tamil Nadu, India	Tamil Nadu, India	Tamil Nadu, India
Mobile No: +91 9952769765	Mobile No: +91 89030 01973	Mobile No: +91 7598440292
E-mail: <u>sekarthangavel1991@gmail.com</u>	E-mail: <u>drparimel@gmail.com</u>	E-mail: <u>geethadrbot@gmail.com</u>

Declaration

I hereby declare that the above mentioned particulars are correct and true to the best of my knowledge and belief.

Place: Coimbatore

Date: 08.11.2021



Thamaraikani V