



ALL SAINTS' COLLEGE

THIRUVANANTHAPURAM
ACCREDITED BY NAAC WITH A+ GRADE

DEPARTMENT OF BOTANY

&



INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE

INTERNATIONAL SEMINAR

'ORCHID CONSERVATION AND ENTREPRENEURSHIP DEVELOPMENT'

October 25, 2023 | 10 AM | Audio Visual Hall

SPEAKERS



Mr. S. Ramakrishnan

Managing Director
Rynco Orchids
Thiruvananthapuram



**Dr Viswambharan
Sarasan**

Ecosystem Stewardship
Royal Botanic Gardens, Kew,
United Kingdom

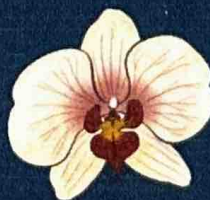


Dr. Beena Thomas

Assistant Professor
Dept. of Plant
Breeding & Genetics
Kerala Agricultural
University

Organizing Committee Members

Dr. Cinthya Christopher (Convenor)
Dr. Lissy Bennet (IEDC Nodal Officer)
Dr. Nisha K. K.
Dr. Sr. Shaina T. J.
Dr. Pressy P. Prakasia
Dr. Stephin S.



Patron

Rev. Mother Molly Attully
Principal
Prof. (Dr.) Reshmi R. Prasad



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All Saint's College
Thiruvananthapuram.

INTERNATIONAL SEMINAR
'ORCHID CONSERVATION AND ENTREPRENEURSHIP DEVELOPMENT'

PROGRAMME

9.30 AM	Registration
10.00 AM	Inaugural Session
Prayer	
Welcome Address	Dr. Cinthya Christopher (Head, Dpt. of Botany)
Presidential Address	Dr. Sr. D'Souza Pascola Adelrich (Vice Principal)
Inaugural Address	Dr. Viswambharan Sarasan Ecosystem Stewardship Royal Botanic Garden, Kew
Felicitation	Dr. Lissy Bennet (IEDC Nodal Officer)
Vote of Thanks	Dr. Sr. Shaina T. J. (Assistant Professor)
10.30 - 11.30 AM	Scientific Session I - Keynote Address 'Native Orchid Conservation' Dr Viswambharan Sarasan Ecosystem Stewardship Royal Botanic Garden Kew, United Kingdom
11.30 - 11.45 AM	Tea Break
11.45 - 12.45 PM	Scientific Session II 'Prospects of Commercialization of Orchids' Mr. S. Ramakrishnan Managing Director Rynco Orchids Thiruvananthapuram
12.45 PM	Lunch Break
1.30 - 3.15 PM	Scientific Session III 'Commercially Important Orchids: Varieties and Cultivation Practices' Dr. Beena Thomas Assistant Professor Dpt. of Plant Breeding & Genetics College Of Agriculture Vellayani, Thiruvananthapuram

NATIONAL ANTHEM



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INTERNATIONAL SEMINAR

ORCHID CONSERVATION AND ENTREPRENEURSHIP DEVELOPMENT

REPORT

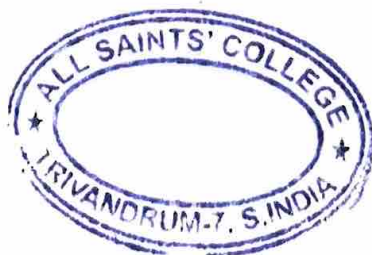
The Department of Botany and Innovation and Entrepreneurship Development Centre, All Saints' College, organised an International Seminar on 25th of October 2023. The topic was "ORCHID CONSERVATION AND ENTREPRENEURSHIP DEVELOPMENT". Dr Viswambharan Sarasan, Ecosystem Stewardship, Royal Botanic Gardens, Kew, United Kingdom, Mr. S. Ramakrishnan, Managing Director of Rynco orchids, Nedumangad, Kerala and Dr. Beena Thomas, Dr Beena Thomas. She is an Assistant Professor at the Department of Plant breeding and Genetics, Kerala Agricultural University, Vellayani, were the chief guests of the programme. The event was officially inaugurated by Dr V. Sarasan at 10.00 A.M.

Dr Cinthya Christopher (Head, Dept of Botany, All Saints' College) was the coordinator of the event. The Organising Committee included Dr Lissy Bennet (IEDC Nodal Officer), Dr Nisha K.K. (Assistant Professor, All Saints' College), Dr Sr. Shaina T. J. (Assistant Professor, All Saints' College), Dr Pressy P. Prakasia (Assistant Professor, All Saints' College), and Dr Stephin S. (Assistant Professor, All Saints' College). The event was divided into three scientific sessions.

The inaugural session of the seminar programme began with a prayer by the choir team. Dr Cinthya Christopher, Head, Department welcomed the guests and audience. She thanked Prof. Dr Reshmi R. Prasad (Principal, All Saints' College) for her support in her absentia. Then came the presidential address by Dr Sr Pascoela D'souza (Vice Principal). She appreciated the organizers and the students for actively participating in the Seminar. After which Dr. Lissy Bennet (IEDC Nodal Officer) felicitated the organisers and their initiatives for conducting this seminar. This was followed by a vote of thanks by Dr Sr Shaina T. J. (Assistant Professor of Botany, All Saints' College).

The Key note address was delivered by Dr Viswambharan Sarasan, Ecosystem Stewardship, Royal Botanic Gardens, Kew, United Kingdom. His lecture focused on identification and use of fungal mycorrhizae for orchid conservation. He is an expert in the analysis of soil microbiome to understand mycorrhizal distribution and abundance using DNA metabarcoding. One of an emerging area of his research is to understand threatened native orchids as a tool to connect people with nature. The topic for the first session was "NATIVE ORCHID CONSERVATION". Dr. V. Sarasan highlighted the importance of native orchid species conservation. He mentioned that Kerala is rich in orchid diversity and they are vulnerable to extinction due to various factors such as urbanisation, climatic change etc. He emphasized the importance of fungal mycorrhizae in the life cycle of orchids. He discussed the various projects undertaken and the challenges of preserving these ecologically important plants working as an Ecosystem Steward at the Royal Botanic Gardens, UK. He focuses on creating awareness among people about nature through orchids. He shared his experience of planting orchids on to the trees in Kanakakkunnu Palace, Thiruvananthapuram.

Mr S. Ramakrishnan was the speaker for the second session. He is a successful entrepreneur. He is the Managing Director of Rynco orchids, Nedumangad, Kerala. It is the largest orchid farm in South India. The topic of this session was "PROSPECTS OF COMMERCIALIZATION OF ORCHIDS". Mr Ramakrishnan introduced us to the various types of orchid businesses, such as



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nursery, cut flowers, flower decorations, pot plants, dyeing etc. He highlighted the commercial potential of orchids, presenting various opportunities of entrepreneurship in the field. He discussed various aspects such as ideal agriculture climate for the growth and maintenance of orchids and cultivation and care for orchids.

The third session was conducted by Dr Beena Thomas. She is an Assistant Professor at the Department of Plant breeding and Genetics, Kerala Agricultural University, Vellayani. She presented a talk on “COMMERCIALY IMPORTANT ORCHIDS: VARIETIES AND CULTIVATION PRACTICES”. She introduced us to some of the commercially important orchid varieties, such as *Phalaenopsis*, *Dendrobium*, *Vanda* etc. She discussed the type of orchids based on their style of vegetative growth like Monopodial and Sympodial. She explained the structure of orchid blooms. She gave insights on the process of growing orchids, the common potting materials used and propagation of orchids using tissue culture methods. She mentioned diseases that affect orchids, such as flower blights and fungal rots and their treatment.

The formal session came to an end with a vote of thanks, followed by the national anthem. The session concluded at 3:30 PM. The seminar provided valuable insights on the conservation of orchid species and sustainable entrepreneurship development. The students found this session very interesting and inspiring.



Compering- Ms Maha Noushad



Welcome Speech – Dr Cinthya Christopher



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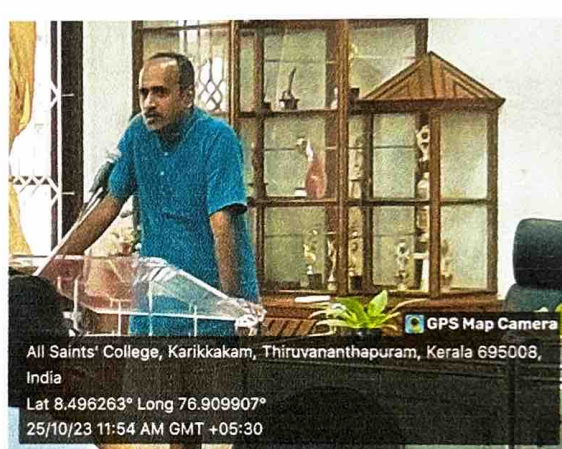
Presidential Address- Dr Sr Pascoela D'Souza



Felicitations- Dr Lissy Bennet



Key Note Address- Dr V. Sarasan



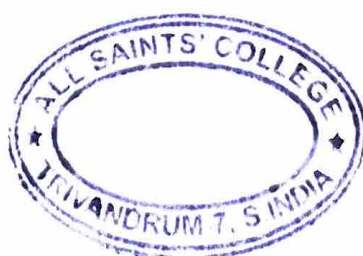
Scientific Speaker - Mr S. Ramakrishnan



Scientific Speaker - Dr Beena Thomas



Audience



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INTERNATIONAL SEMINAR

ORCHID CONSERVATION AND ENTREPRENEURSHIP DEVELOPMENT

Organized By - Dept of Botany & Innovation and Entrepreneurship Development Centre
All Saints' College

Date - 25th October 2023
Venue : Audio Visual Hall.
Time : 10 AM

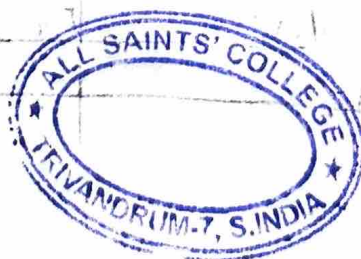
Resource Persons

1. Dr. V. Sarasan
Ecosystem Stewardship
Royal Botanic Garden
Kew, London

2. Mr. S. Ramakrishnan
Managing Director
~~Royal Botanic Garden~~
Synco Orchids
Trivandrum



3. Dr. Beena Thomas
Assistant Professor
Dept. of Plant Breeding
and Genetics
College of Agriculture
Vellayani



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SL. No	Name	Class / Designation	Signature
1	Ann Jose V S	L.B. student	
2	Sophia S J	Girl - servant	
3	Haifa S. Ashraf	Research scholar	
4	Reshma Rithwan. R J	Christian College, Kattakada	
5	Dr. Lissy Bourne	Research scholar	
6	De Bangeethu S	Christian college, Kattakada	
7	Althia J.M	Asst. Prof. of Comm	
8	Aleena Koshy	"	
9	Lutaba Bathool	Research scholar	
10	Ann Maria Jose	BA Eng. Literature	
11	Abhirami A	"	
12	Anupriya A.S	DC II Botany	
13	M.S. Ameena Fathuma	"	
14	Seethal B Sabu	DC I Botany	
15	Anna Pereira	DC I Botany	
16	Sharmi. S. Antony	"	
17	Ameena. M.	DC II Botany	
18	Fathima yasmin H.S	DC II Botany	
19	Aragha A.S	DC II Botany	
20	Asiya Umaisa. A. R	DC II Botany	
21	Fiona Felix	DC III Botany	
22	Amaltha. A R	DC III Botany	
23	Sneha S	DC I Botany	
24	Sneha S	DC I Botany	
25	Vidhya V.S	DC III Botany	
26	Breelekshmy D	DC III Botany	
27	Anwarqa. A.S	DC III Botany	
28	Shivendhu. R.S	DC III Botany	
29	C. Mariya Shiny	DC III Botany	
30	Resana Fathima A.R	DC III Botany	
31	Nandana. S	DC I Botany	
32	Sandra Sanal. V	DC I Botany	
33	ARCHANA. J.B	DC I Botany	



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69. Jisha A
70. Anu SA
71. Sujamol S
72. Devananda C
73. Athira S
74. Huda Farhima A
75. Ravenna R. Jayan
76. Abhina S
77. Aswani RS
78. Akshaya SP
79. Athira V.L
80. Jeena J
81. Aneg S.V
82. Keziah Fernandez
83. Hala Farhima Hilal
84. Akhil Suresh S
85. Arathi P
86. Arathi Sajikumar
87. Bisra
88. Jeena Anjana B
89. sneha S
90. Aswathy M
91. Shiva Priya LS
92. Abhirami AR
93. Raisa Rati
94. Adheena Dipu
95. Lija Raj R
96. Athira S S
97. Gradha R
98. Vijitha C
99. R.V. Kezhimappiya
100. Anagha S Biju
101. Dr. Cinthya Christy

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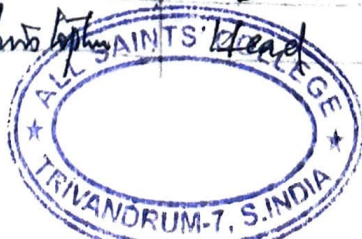
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Jk
Anu
Sujamol
Devananda
Athira
Huda Farhima
Ravenna R. Jayan
Abhina S
Aswani RS
Akshaya SP
Athira V.L
Jeena J
Aneg S.V
Keziah Fernandez
Hala Farhima Hilal
Akhil Suresh S
Arathi P
Arathi Sajikumar
Bisra
Jeena Anjana B
sneha S
Aswathy M
Shiva Priya LS
Abhirami AR
Raisa Rati
Adheena Dipu
Lija Raj R
Athira S S
Gradha R
Vijitha C
R.V. Kezhimappiya
Anagha S Biju
Dr. Cinthya Christy
Reshmi



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102

Dr. Stephen S

Guest lecturer

103

Dr. Nisha K.K.

Asst. Professor

104

Dr. S. Shaina T.J

Asst. Professor

~~Sub~~
to
Sath

~~Dr. Stephen S~~

Dr. Cuthy Christopher
HOD & Co-ordinator

~~Reshmi~~

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CERTIFICATE OF PARTICIPATION

This is to certify that

C. Mariya Shiny

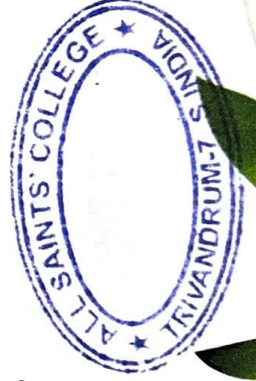
has participated in the one day International Seminar on "Orchid Conservation and Entrepreneurship Development" conducted by Department of Botany in association with Innovation and Entrepreneurship Development Centre, All Saints' College, Thiruvananthapuram on 25th October 2023.

Dr Cinthya Christopher

Dr Cinthya Christopher
Coordinator

Reshmi R. Prasad

Prof. (Dr) Reshmi R. Prasad
Principal



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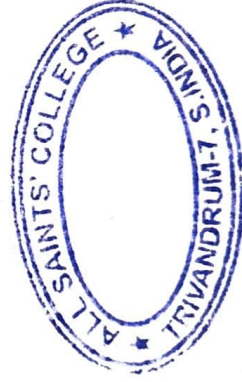
This is to certify that

Varsha S.P

has participated in the one day International Seminar on "Orchid Conservation and Entrepreneurship Development" conducted by Department of Botany in association with Innovation and Entrepreneurship Development Centre, All Saints' College, Thiruvananthapuram on 25th October 2023.

Dr Cinthya Christopher

Dr Cinthya Christopher
Coordinator



Reshmi

Prof. (Dr) Reshmi R. Prasad
Principal

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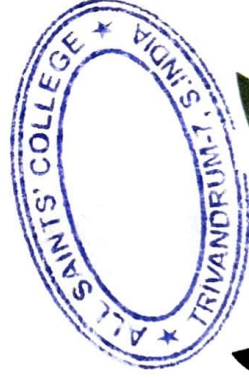
This is to certify that

Sreelekshmy Anil

has participated in the one day International Seminar on "Orchid Conservation and Entrepreneurship Development" conducted by Department of Botany in association with Innovation and Entrepreneurship Development Centre, All Saints' College, Thiruvananthapuram on 25th October 2023.

Dr Cinthya Christopher

Dr Cinthya Christopher
Coordinator



Reshmi

Prof. (Dr) Reshmi R. Prasad
Principal

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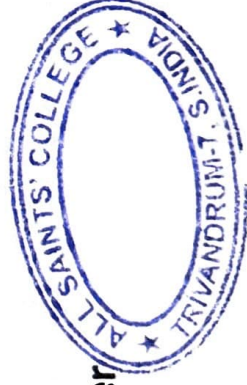
This is to certify that

Resana Palkina A.R

has participated in the one day International Seminar on "Orchid Conservation and Entrepreneurship Development" conducted by Department of Botany in association with Innovation and Entrepreneurship Development Centre, All Saints' College, Thiruvananthapuram on 25th October 2023.

Dr Cinthya Christopher

Dr Cinthya Christopher
Coordinator



Reshmi R. Prasad

Prof. (Dr) Reshmi R. Prasad
Principal

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