

1. PG and Research Department of Biotechnology Commemorated World's Coconut Day on 2nd September 2022 in UG and PG Biotechnology Lab. On the Occasion of World's Coconut Day, Department organized various Inter Collegiate Competitions namely, Coconut Shell crafts, Coconut fibers and Piths Art, Miniature Garden Designing, Quiz, Value added Coconut food products preparation. The Programme commenced at 10 AM in UG Biotech lab and the welcome address was given by Dr R Sathishkumar, Assistant Professor, PG and Research Department of Biotechnology, Kongunadu Arts and Science College. The Presidential address and felicitation was given by The Principal, Dr M Lekshmanasamy and Dr S R Madhan Shankar, Dean Academics, Kongunadu Arts and Science College. In their speech, they highlighted the significance of coconuts and their impact on society to the participants. About 65 Students from various institutions were participated in the event. On this special Occasion, A novel Product Development lab at the Department of Biotechnology was inaugurated by Shri Kumaraswami, Former DCE, Dr Krishnaswamy, Chairman KIAS and Dr M Shakthivel COE, Tamilnadu Dr J Jayalalitha Music and Fine Arts University in the presence of Dr C A Vasuki, Secretary and Director, Kongunadu Arts and Science College.

The Theme of the Coconut Day celebration was promoting the use and Importance of Coconuts and Coconut Based Products. To focus on this concept, Students from various colleges and Kongunadu Arts and Science College actively participated in all the competitions. About 16 students participated in value added food product preparation and were evaluated by Dr Lalitha Ramasamy, Associate Professor and Head (Retd) Department of Nutrition and Dietetics PSGCAS and Dr R Saravanamoorthy, Associate Professor, Head, Department of Computer Science, Kongunadu Arts and Science College.

In Coconut based quiz competition, 30 participants participated. Dr C A Vasuki, Secretary and Director, KASC, Dr Krishnaswamy, Chairman KIAS and Shri Kumaraswami, Former DCE interacted with the participants and appreciated their involvements. The Valedictory session was held at UG, Biotechnology lab and winners were awarded with certificates and a shield by Dr S R Madhan Shankar, Dean Academics, Kongunadu Arts and Science College. The Vote of thanks was proposed by Dr B Vishnupriya, Assistant Professor, PG and Research Department of Biotechnology, Kongunadu Arts and Science College and the sessions ended with the positive feedbacks from the participants of students from other colleges.

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Coimbatore - 641 029



1996 **25 YEARS OF ACADEMIC PROMINENCE** 2021

PG & RESEARCH DEPARTMENT OF BIOTECHNOLOGY

CORDIALLY INVITE YOU ON THE OCCASION OF COMMEMORATING

“WORLD'S COCONUT DAY -2022”

**Theme: Promoting the use and Importance of Coconuts
& Coconut based products**

Inter collegiate competitions :

- Coconut Shell Crafts
- Coconut fibers and Piths Art
- Miniature garden design using coconut shell
- Quiz — Quiz let
- Coconut based food products
- Value added Coconut foods

Date : 02.09.2022

Time : 10.00 am

Venue : Department of Bioechnology

General Points

- Eligibility : All UG and PG Students
- Registration fee: 100 • Refereshment will be provided
- Participants should bring their required materials for the competition
- One Student can participate in any two Events
- All the participants will get Participation Certificate
- Winners will get Exciting Awards and Certificate

FOR REGISTRATIOIN CONTACT : Dr. R. SATHISHKUMAR - 09894161756

Dr. B. VISHNUPRIYA - 09994925042



Inauguration of Novel Product Development Lab



PG and Research Department of Biotechnology of Kongunadu Arts and Science College, Coimbatore-29 organised an awareness programme on “Women’s Health and Sustainable Living” on 18.09.2022 at Semmanarai tribal village, Kotagiri, The Nilgiris District which was sponsored by Indian Science Congress Association (ISCA). Dr. Vyjayanthi Ventakakrishnan, Gynaecologist and Obstetrician, Coimbatore had a discussion with the tribal women and gave valuable information and suggestions regarding the problems encountered by the tribal women during their pre and post pregnancy periods. Dr. Lalitha Ramaswamy, Advisor, Internal Quality Assurance Cell, KASC highlighted the importance of nutrient rich food for healthy life. She gave inputs on indigenous food preparation and clarified the doubts raised by the tribal people. At the end of the programme, Dr. S.R. Madhan Shankar, Dean & Academics, KASC honoured the resource persons with a memento. A total number of fifty participants from tribal community got benefitted out from the programme.

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PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY

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25 YEARS OF ACADEMIC PROMINANCE

2021

Organizes one day Awareness program on
"WOMEN'S HEALTH AND SUSTAINABLE LIVING"
at Semmanarai Tribal village, Kotagiri, Nilgiris District.

Sponsored by
Indian Science Congress Association (ISCA) – Coimbatore Chapter

Resource Persons



Dr. Vyjayanthi Venkatakrishnan
Gynaecologist & Obstetrician
Coimbatore



Dr. Lalitha Ramaswamy,
Adviser, IQAC, KASC

Dr. C.A. VASUKI
Secretary and Director

Dr. S.Paulsamy
Dean – R & D,
Convener
ISCA-Coimbatore Chapter

Dr.S.R.Madhan Shankar
Dean – Academics,
Treasurer
ISCA-Coimbatore Chapter

Dr.M.Lekeshmanaswamy
Principal

Dr. K. Karthika
Assistant Prof. of Botany

Dr. K.Saminathan
Assistant Prof. of Chemistry

Dr. R.T. Narendhirakannan
Assistant Prof. of Biochemistry

Members, ISCA-Coimbatore Chapter

Coordinator: Dr. R. Sathishkumar and Dr. M. Gogulramnath Assistant Prof. of Biotechnology

Date : 18.09.2022

Time: 10:00 A.M



Department of Biotechnology conducted an Indian council of Philosophical Research sponsored Periodic Lecture on “Ayurveda and Panchakarma: Measuring the outcomes of a Comprehensive Health Intervention” held on 19.01.2023 at Conference hall. The talk was delivered by Dr. Arun T Namboothiri MD (Ayu), Research Associate and Physician, AVP Research Foundation. The welcome address was given by Dr. R. Sathish kumar, HOD i/c-UG Department of Biotechnology. The Presidential Address was given by Dr. M. Lekshmanaswamy, Principal followed by the felicitation address given by Dean-Academics, HOD, PG and Research Department of Biotechnology, Dr. S. R. Madhan Shankar, he spoke about the importance of Ayurveda and the need complementary and alternative medicine. Further the resource person was honored with the shawl and momentum by Principal. The chief guest was introduced by Dr. B. Vishnupriya, Assistant Professor, PG and Research Department of Biotechnology and the session handed over for the lecture. Dr. Arun explained about the basic principles of Ayurvedic treatment especially cleansing procedure. He highlighted the principles, classification and health benefits of Panchakarma. He explained about balancing of vata, kapha and pitta dosha, and the effects due to imbalance of these dosha. He also shared his clinical and research experience on diabetic foot ulcers. He interacted with UG and PG students of Biotechnology and Biochemistry regarding the treatment methodologies during inflammatory condition. The session concluded with vote of thanks by organizing secretary Dr. V. Elakkiya, Assistant Professor, PG and Research Department of Biotechnology. Total of 200 participants benefitted.

Lecture Invitation



Kongunadu Arts and Science College (Autonomous)

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31st Rank among Colleges in NIRF 2022, College of Excellence (UGC),
G.N. Mills, Coimbatore-29



Indian Council of Philosophical Research sponsored Periodic Lecture

Organized by

PG and Research Department of Biotechnology

Theme: Philosophy of Ayurveda and Natural Medicine



**Topic: Ayurveda and Panchakarma: Measuring the outcomes of a
Comprehensive Health Intervention**

Resource Person

Dr. Arun T Namboothiri MD (Ayu)

Research Associate & Physician

AVP Research Foundation

Dr. S. R. Madhan Shankar
Dean-Academics

Dr. M. Lekshmanaswamy
Principal

Dr. C. A. Vasuki
Secretary and Director

Organising Secretary

Dr. R. Sathish Kumar
Assistant Professor and Head i/c - (UG)
Department of Biotechnology

Dr. V. Elakkiya
Assistant Professor
Department of Biotechnology

Venue : Conference Hall

Date :19-01-2023

Time: 10.00 AM to 11.00 AM

1. Department of Biotechnology conducted an Indian council of Philosophical Research sponsored Periodic Lecture 3 on “Ayurvedic scope and innovations for the future” on 10. 02. 2023 at 10:30 AM at G5 hall. The talk was delivered by Dr. Aramya. A. R, MD (Ayu), Senior Research Officer, AVP Research Foundation, Coimbatore. The welcome address was given by Dr. Gogul Ramnath, Assistant Professor, Department of Biotechnology. The Presidential Address was given by Dr. R. Sathish kumar, HOD, Department of Biotechnology followed by the felicitation address given by Dean-Academics (i/c), HOD, Department of Clinical Nutrition, Dr. Lalitha Ramaswamy, she spoke about the need of doing research in the ayurvedic aspects. Further the resource person was honored with the shawl and momentum by HOD. The chief guest was introduced by Dr. B. Vishnupriya, Assistant Professor, PG and Research Department of Biotechnology and the session handed over for the lecture. Dr. Aramya. A.R explained about the scope in Ayurvedic research through her presentation. The session provided gave knowledge about the basic methodologies followed in Ayurveda and the gap between Ayurveda and Biotechnology. She briefed the different forms of medications prescribed in Ayurveda like kashayam, legiyam, solid forms, fermented liquids, etc. She interacted with UG and PG students of Biotechnology and clarified the doubts regarding Ayurveda and she motivated young students to do more research on validating Ayurvedic medicines. The session concluded with vote of thanks by organizing secretary Dr. V. Elakkiya, Assistant Professor, PG and Research Department of Biotechnology. A total of 60 participants were participated.

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YEARS OF ACADEMIC PROMINENCE

2021



PG AND RESEARCH DEPARTMENT OF BIOTECHNOLOGY

Organizes and Cordially invite you all for

Indian Council of Philosophical Research sponsored

Periodic Lecture -3 on

Theme: Philosophy of Ayurveda and Natural Medicine

Topic : "AYURVEDIC SCOPE AND INNOVATIONS FOR THE FUTURE"



Resource Person

Dr. Aramya.A.R, MD (Ayu)

Senior Research Officer

AVP RESEARCH FOUNDATION

Trichy Road, Ramanathapuram P.O.,

Coimbatore - 641045, Tamil Nadu, India

Dr.M.LEKESHWANASWAMY
Principal

Dr. C.A. VASUKI
Secretary and Director

Dr.S.R.MADHAN SHANKAR
Dean – Academics,
Associate Professor and Head
Department of Biotechnology

Dr.R.SATHISH KUMAR
Assistant Professor and Head (UG)
Department of Biotechnology

DATE : 10.02.2023

VENUE : G5 HALL

TIME: 10:30 am

Organizing Secretary : Dr. V. Elakkiya

Assistant Professor

Department of Biotechnology

1. Department of Biotechnology conducted an Indian council of Philosophical Research sponsored Periodic Lecture 2 on “Kundalini Yoga” held on 25.01.2023 at Conference hall and the title was Kundalini Yoga. The talk was delivered by Dr. Logeshwari Naveen, Yoga Consultant, The Arya Vaidya Chikitsalayam & Research Institute (AVCRI), Lecturer-Sri Krishna College of Engineering Technology, Coimbatore. The welcome address was given by Dr. R. Sathish kumar, HOD i/c-UG Department of Biotechnology. The Presidential Address was given by Dr. M. Lekshmanaswamy, Principal followed by the felicitation address given by Dean-Academics, HOD, PG and Research Department of Biotechnology, Dr. S. R. Madhan Shankar, he spoke about the need of doing yoga practices. Further the resource person was honored with the shawl and momentum by Principal. The chief guest was introduced by Dr. B. Vishnupriya, Assistant Professor, PG and Research Department of Biotechnology and the session handed over for the lecture and practical session. Dr. Logeshwari Naveen explained about the Kundalini Yoga through her presentation. After the lecture, general yoga exercise was taught to students. The session provided pleasant and positive vibrations among all of them. She interacted with UG and PG students of Biotechnology and clarified the doubts regarding yoga therapy and she suggested young students to do general yoga but not kundalini yoga. The session concluded with vote of thanks by organizing secretary Dr. V. Elakkiya, Assistant Professor, PG and Research Department of Biotechnology. A total number of 60 students were benefitted.

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Indian Council of Philosophical Research sponsored

Periodic Lecture -2 on

Theme: Philosophy of Ayurveda and Natural Medicine

Topic : Kundalini Yoga



Resource Person

Dr Logeshwari Naveen

Yoga Consultant

The Arya Vaidya Chikitsalayam & Research Institute – AVCRI,

Lecturer- Sri Krishna College of Engineering and Technology

Coimbatore, Tamil Nadu, India

Dr.M.LEKESHMNASWAMY
Principal

Dr. C.A. VASUKI
Secretary and Director

Dr.S.R.MADHAN SHANKAR
Dean – Academics,
Associate Professor and Head
Department of Biotechnology

Dr.R.SATHISH KUMAR
Assistant Professor and Head (UG)
Department of Biotechnology

DATE : 25.01.2023

VENUE : CONFERENCE HALL

TIME: 10:30 am

Organizing Secretary : Dr. V. Elakkiya

Assistant Professor

Department of Biotechnology

Date: 20. 03. 2023 at 10:30 AM

Event: Periodic Lecture 4

Theme: Philosophy of Ayurveda and Natural Medicine

Title: “Ancient Ayurvedam”

Venue: Conference Hall

No. of. Participant: 100

Program Introduction:

Department of Biotechnology conducted an Indian council of Philosophical Research sponsored Periodic Lecture on “Ancient Ayurvedam”. The talk was delivered by Dr. G. K. TARA JAYASRI MD (Ayu), Assistant Chief Medical Officer, The Arya Vaidhya Chikitsalayam and Research Institute, Olymbus, Ramanathapuram, Coimbatore, Tamil Nadu. The welcome address was given by Dr. M. Gogul Ramnath, Assistant Professor, Department of Biotechnology. The Presidential Address was given by Dr. M. Lekshmanaswamy, Principal followed by the felicitation address given by Dean-Academics, Dr. Lalitha Ramaswamy, she spoke about the importance of Ayurveda and health benefits. Further the resource person was honored with the shawl and momentum by Dr. R. Sathish kumar, Head- department of Biotechnology and organizing secretary. The chief guest was introduced by Dr.

B. Vishnupriya, Assistant Professor, PG and Research Department of Biotechnology and the session was handed over for the lecture. Dr. Tara explained about the ancient text books of Ayurvedic treatment such as Charaka Samhita and Susrutha Samhita. She highlighted the treatment methodologies followed and health benefits of Ayurveda. She explained about balancing of vata, kapha and pitta dosha, and the effects due to imbalance of these dosha. She also shared yoga practices and Ayurveda therapy for healthy life. She interacted with UG and PG students of Biotechnology and Biochemistry regarding the treatment methodologies during inflammatory condition. The session concluded with vote of thanks by organizing secretary Dr. V. Elakkiya, Assistant Professor, PG and Research Department of Biotechnology.

Outcomes: -

The talk provides exposures to students about the ancient methodologies of Ayurveda.

Lecture Invitation

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Indian Council of Philosophical Research sponsored

Periodic Lecture -4 on

Theme: Philosophy of Ayurveda and Natural Medicine

Topic : "ANCIENT AYURVEDHAM"



Resource Person

Dr G.K.Tara Jayasri MD (Ayu),

Assistant Chief Medical Officer ,

The Arya Vaidhya Chikitsalayam and Research Institute ,
Olympus ,Ramanathapuram

Coimbatore -641045

Dr.M.LEKESHMNASWAMY
Principal

Dr. C.A. VASUKI
Secretary and Director

Dr.R.SATHISH KUMAR
Assistant Professor and Head (UG)
Department of Biotechnology

Dr.S.R.MADHAN SHANKAR
Dean – Academics,
Associate Professor and Head
Department of Biotechnology

DATE : 20.03.2023

VENUE : Conference Hall

TIME: 10:30 am

Organizing Secretary : Dr. V. Elakkiya

Assistant Professor

Department of Biotechnology

PG and Research Department of Biotechnology, organized one day awareness programme on “Menstrual Pride and Hygiene” on 15.09.2023 at PG Biotechnology Lab. Mr S Saikumar, CEO and Menstrual Pride and Hygiene Educator, Happy Periods and Healthy Uterus Trust, Dharmapuri. He is working on a mission to provide solution for all Menstrual related issues with historic way of caring Feminine and Motherhood Hygiene. He has also made around 1500+ students to have a Happy Periods and Healthy Uterus and 1000+ mothers are happy with their work to care for their young daughter with Natural remedies. He explained the hygiene practices and healthy diets to be followed for the girls. He quoted many examples to understand the importance of menstrual hygiene. Students from Biotechnology, Clinical Nutrition and Biochemistry were benefited. Dr B Vishnupriya and Dr V Elakkiya organized the Awareness programme.



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G. N. Mills, Coimbatore – 641029, Tamil Nadu




**PG and Research Department of Biotechnology
Organizes Guest lecture on**

Menstrual Pride and Hygiene Management



Resource Person :
Mr. S. Saikumar
CEO and Menstrual Pride & Hygiene Educator
Happy Periods & Healthy Uterus Trust, Dharmapuri

Date : 15.09.2023
Time : 10.30 AM
Venue : PG
Biotechnology LAB

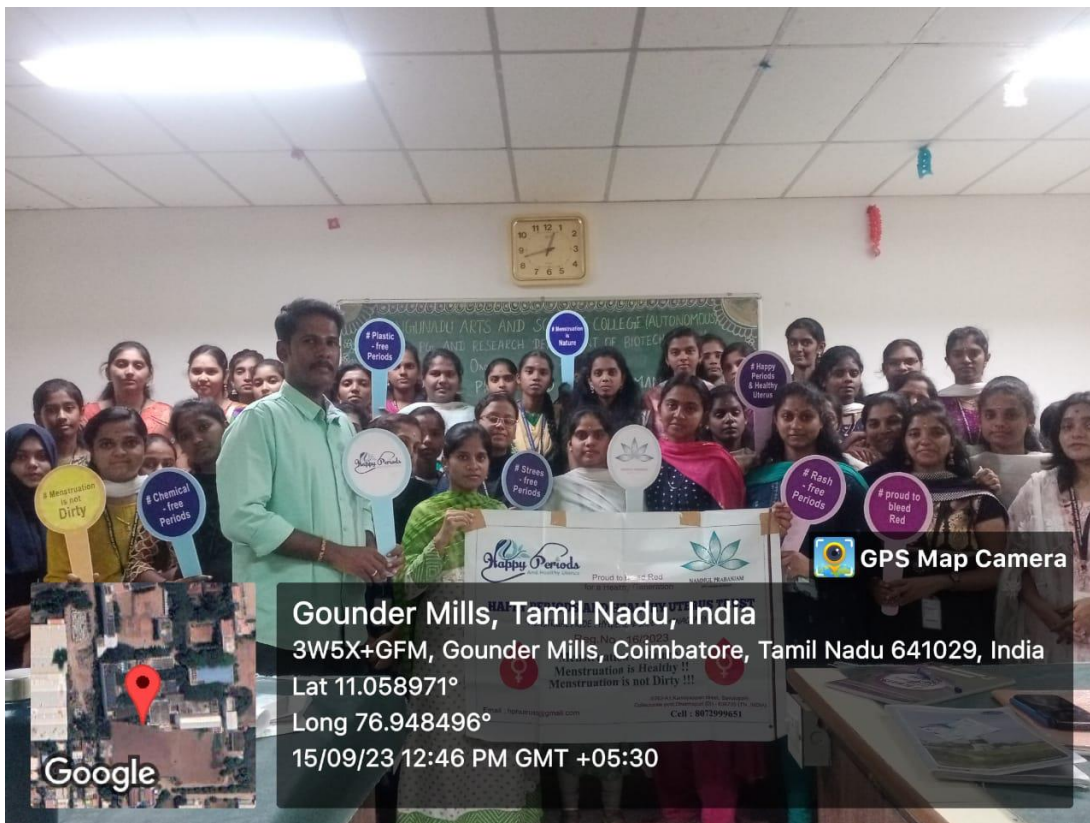
Dr. A. Saravanamoorthy
Academic Co-Ordinator,
KASC

Dr. M. Lekeshmanaswamy,
Principal,
KASC

Dr. C. A. Vasuki,
Secretary and Director,
KASC

Dr. A. U. Thangavelu
Assistant Professor & Head (i/c)
Department of Biotechnology
KASC

Organizing Secretaries:
Dr. B. Vishnupriya and Dr. V. Elakkiya
 Assistant Professors
 Department of Biotechnology, KASC





**Kongunadu Arts and Science College
(Autonomous)
&
Tamil Nadu State Council for Science
and Technology, Chennai and NCSTC,
New Delhi**



Brief Write up on One Day Health Awareness Programme on

“Post COVID19-Health and Hygiene Awareness Programme at Kotagiri Tribal Village

The Public Awareness Programme on “Post COVID19-Health and Hygiene Awareness Programme at Kotagiri Tribal Village” was conducted by the PG and Research Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore. This Programme was proposed to and supported by Tamilnadu State Council for Science & Technology (TNSCST) Govt of Tamilnadu, Chennai and National Council for Science & Technology Communication (NCSTC) Govt. of India , New Delhi, under the scheme of Popularization of Science activities.

The Awareness Programme was supported by Dr C A Vasuki, Secretary and Director, and Dr M Lekeshmanaswamy, Principal, Kongunadu Arts and Science College. The guidance to organize the programme was obtained from Centre for Tribal Studies and Welfare of KASC. The Teaching and Non-Teaching faculty members of Biotechnology Department actively indulged in all aspects of the programme under the direction and Supervision of Dr A U Thangavelu, Head of the Biotechnology Department, KASC.

The Awareness Programme was scheduled on 24th September 2023 (Sunday) was successfully held at Govt. Tribal Higher Secondary School, Kunjapani Tribal Village, The Nilgiris with the capacity of 100 participants and the same was advertised in the public newspaper and social media.

The Resource Persons of the event were Dr O A Paramasivan, F.R.C.S., Senior Orthopaedic Surgeon, Kovai Medical Centre and Hospital, Coimbatore, Dr Arjun Paramasivan, M.R.C.S., Merseyside NHS trust, UK and Mrs Sumathi, Naturopathy and Yoga therapist.

The programme was hosted by the Organizing Secretary, Dr B Vishnupriya who welcomed the gathering and introduced the Chief guests. The Presidentian address was given by Dr C A Vasuki, Secretary and Director, KASC. She clearly explained the objectives of the programme;

- To promote health literacy and sanitation among tribal girls and women post covid-19
- To educate importance of balanced diet, mitigate and manage the risk of malnutrition prevalent among tribal women and girls between the age group of 11 and 60 years.
- Importance of Cultivating Medicinal plants
- To inculcate Naturopathy and Yoga for healthy life style.





The session I was handled by Dr O A Paramasivan, for the topic on “Promoting Health Practices”. He explained about the way to improve healthcare practices with healthy diets. The Second session of the programme was handled by Dr Arjun Paramasivan for the topic “Sanitation, Malnutrition and Infectious Diseases”. His speech was much focused on impacts of malnutrition and infectious disease spread through flies. The session III of the awareness programme comprised on Naturopathy for healthy life style and handled by Mrs Sumathi, Naturopathy and Yoga therapist. Participants were interacted with the resource persons and clarified their doubts.

After the successful completion of the experts talk, Sanitary Napkins, Health Mix and Diet chart containing packs were distributed to tribal girls and women by the Resource person. As well, multigrain biscuits and fruits were distributed to all the participants.

At the end of Valedictory session, Vote of thanks speech was given by Dr A U Thangavelu, Head, Department of Biotechnology. He thanked the management Kongunadu Arts and Science College, TNSCST, Govt of Tamilnadu and NCSTC, Govt of India for supporting and sponsoring the programme. All the participants were thanked or their contribution of their One day to this awareness programme and also for their active participation.