

REPORT ON

International Colloquium on “Revisiting Indian Traditional Agriculture – A Contemplation (RITAAC - 2021)”

From 28.10.2021 to 05.11.2021 Organized by

Department of Botany & Department of Biotechnology

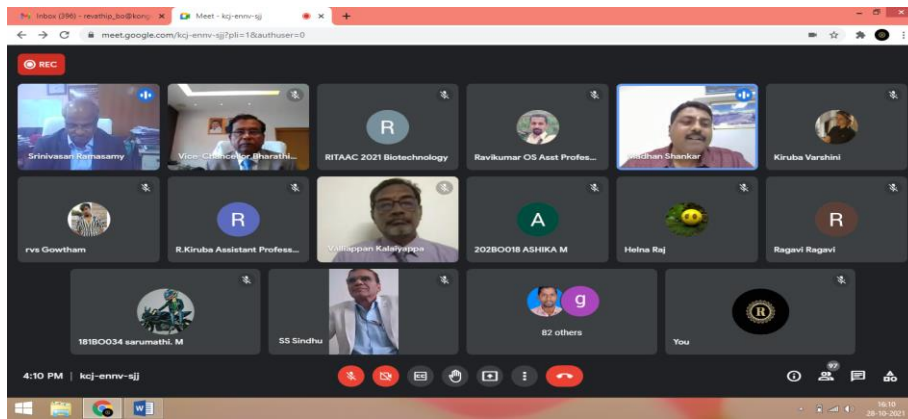
Day -1

Inaugural Session

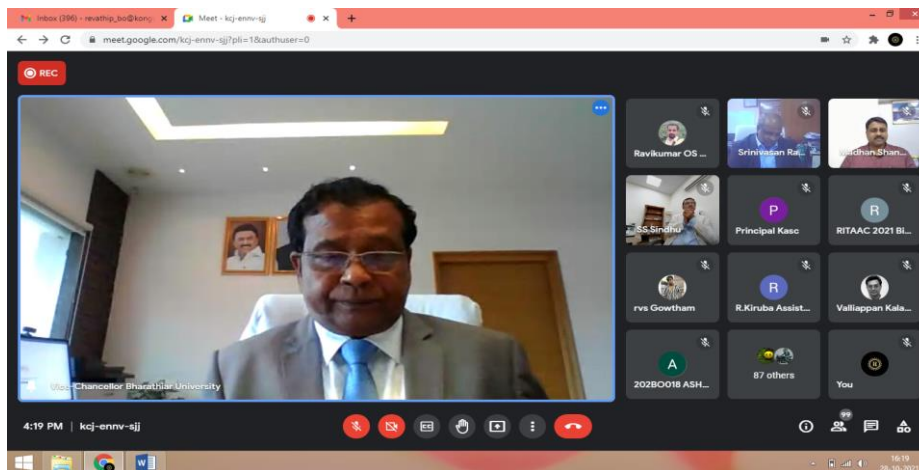
A seven days International Colloquium on “**Revisiting Indian Traditional Agriculture – A contemplation (RITAAC- 2021)**” was jointly organized by the Department of Botany and Biotechnology from 28-10-2021 to 05-11-2021 through virtual mode at 4.00 - 6.00 pm. **Dr. M.Parveen** and **Dr. P.Revathi**, Assistant Professor's, Department of Botany, **Dr. R.Sivaprakash**, Associate Dean, R&D and **Dr. Gogul Ramnath**, Assistant Professor, Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore acted as Organizing secretaries of the Colloquium..

The Day - 1 Inauguration session was initiated by **Dr. S.R.Madhan Shankar**, Convener of the programme welcomed the gathering. The session was inaugurated by the presidential address by **Dr. C.A.Vasuki**, Secretary and Director, Kongunadu Arts and Science College (Autonomous), Coimbatore. **Dr. M.Lekeshmanaswamy**, Principal of our college felicitated the Event. Professor **Dr. P.Kaliraj**, Honorable Vice chancellor of Bharathiar University ,and **Dr. R.Srinivasan** Member Secretary of Tamil Nadu State Council for Science and Technology (TNSCST), Chennai, Inaugurated the Colloquium by emphasizing the importance of organic farming and floriculture.

Inaugural Address by the Dignitaries



Professor Dr. P.Kaliraj, Honorable Vice-Chancellor of Bharathiar University, Presenting the Inaugural Address.



Dr. R.Srinivasan, Member Secretary of (TNSCST), Chennai, Inaugurating the session.



Plenary Session 1

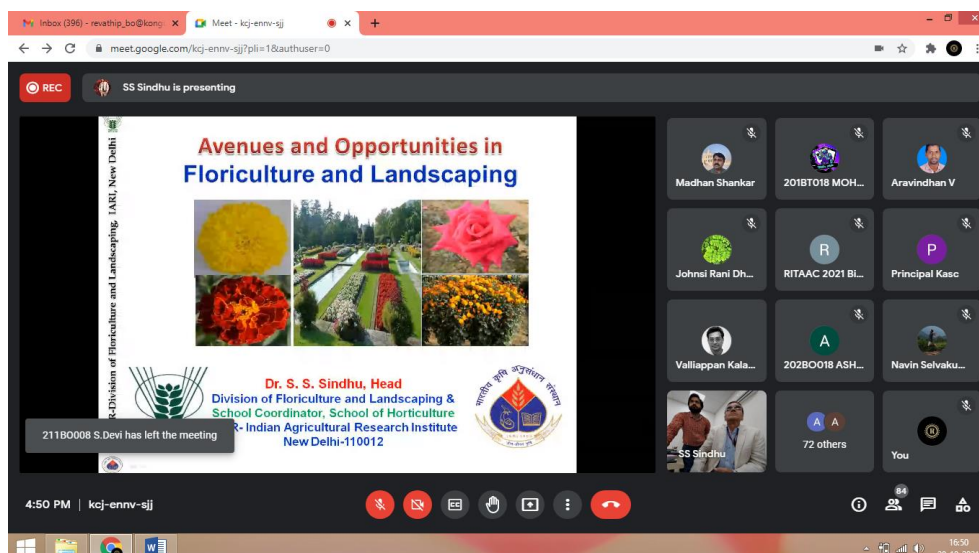
Avenue and Opportunities in Floriculture and Landscaping

Dr. S. S.Sindhu,

Head Division of Floriculture and Landscaping, Indian Agricultural Research Institute (ICAR) PUSA Campus, New Delhi.

The first day of the technical session was initiated with the focal theme **“Floriculture as a Business”**. The guest introduction was done by **Dr. P.Sumathi**, Assistant Professor, Department of Botany, KASC. In the plenary session –I, **Dr. S. S.Sindhu**, Head Division of Floriculture and Landscaping, Indian Agricultural Research Institute (ICAR) PUSA campus New Delhi, addressed the gathering on the topic entitled **“Avenue and Opportunities in Floriculture and Landscaping”**. In this session, he highlighted the new techniques and plant varieties that have been introduced in the field of floriculture and recent trends in Landscape gardening with low maintenance cost and eco-friendly design. He also listed the top ranking cultivars of various cut flower varieties. He emphasized the importance on air purifier plants for the maintenance of eco-friendly environment. The session was very informative and highly mind blowing.

Dr. S. S. Sindhu, Presenting the plenary session –I,



Plenary Session 2

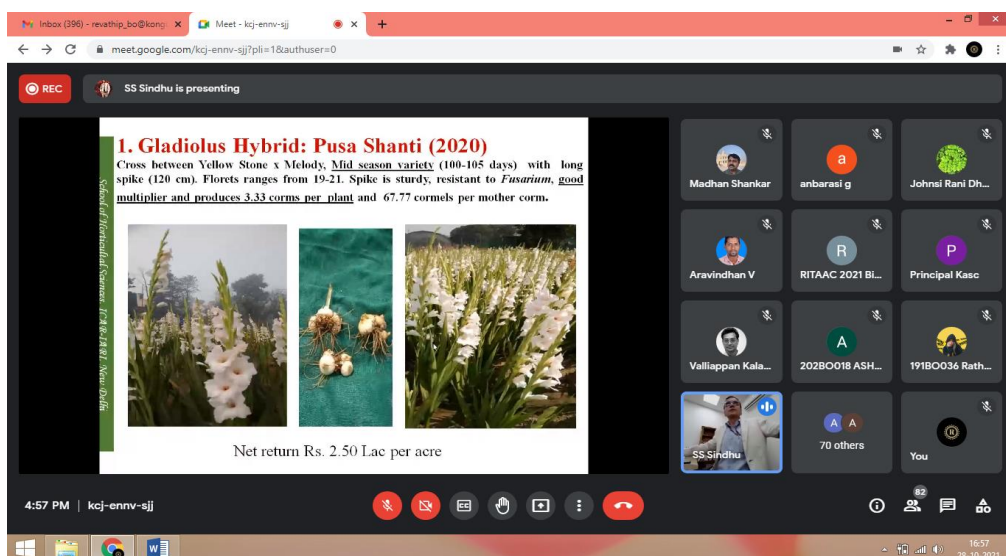
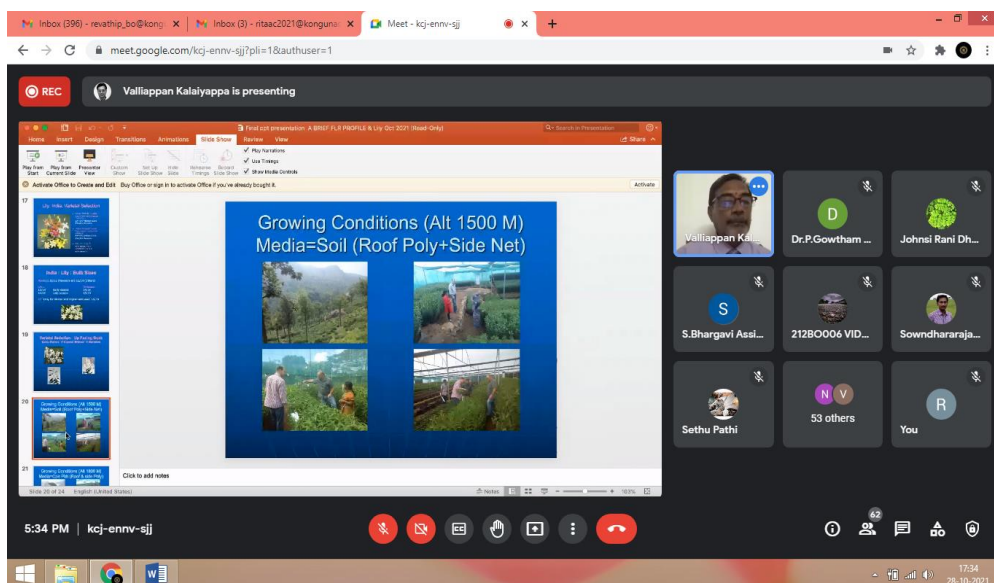
Opportunities in Floriculture

Dr. K.Valliappan,

Technical Director, Alagu's flower valley, Coimbatore.

In the Plenary session II, **Dr. K.Valliappan**, Technical Director, Alagu's flower valley, Coimbatore addressed the gathering on the topic entitled **"Opportunities in Floriculture"**. He highlighted that Indian floriculture was concentrated mainly on traditional flowers on social and religious purpose. He pointed out that in 1980's Polyhouse Technology were fired out for growing vegetables and flowers. He emphasized about Indian Floriculture with specific reference to *Lilium* and explained elaborately on designed cultivation techniques and marketing of cut flowers. He revealed about the top four Traditional flowers as Jasmine, *Marigold Tagetes*, *Chrysanthemum* and Tuberose single type (traditional flower) and double type (cut flower). He also recount about the milestones of cut flowers since 1980's. Finally he also narrated the current scenario of floriculture industry and its demand which can explore entrepreneurial skills for the budding students and research scholars.

Dr. K. Valliappan, Technical Director, Alagu's flower valley, Presenting the Plenary session - II



Around One hundred and twenty participants participated in this international event and got benefitted. The convener of the programme **Dr. K. Thenmozhi**, Assistant Professor and Head, Department of Botany, Kongunadu Arts and Science College (Autonomous), Coimbatore finally proposed vote of thanks.

Day -2

Plenary Session 1

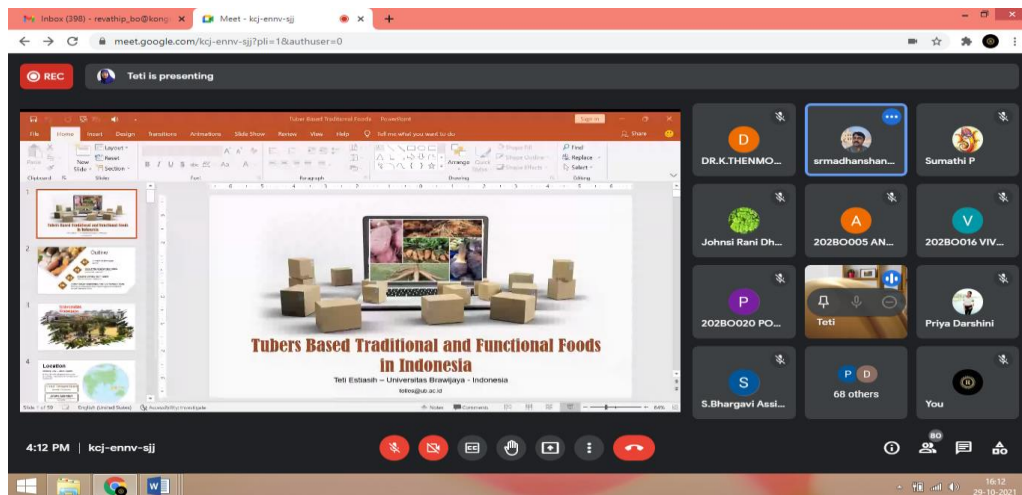
Tuber Based Indonesian Traditional Food

Professor **Teti Estiasih**,

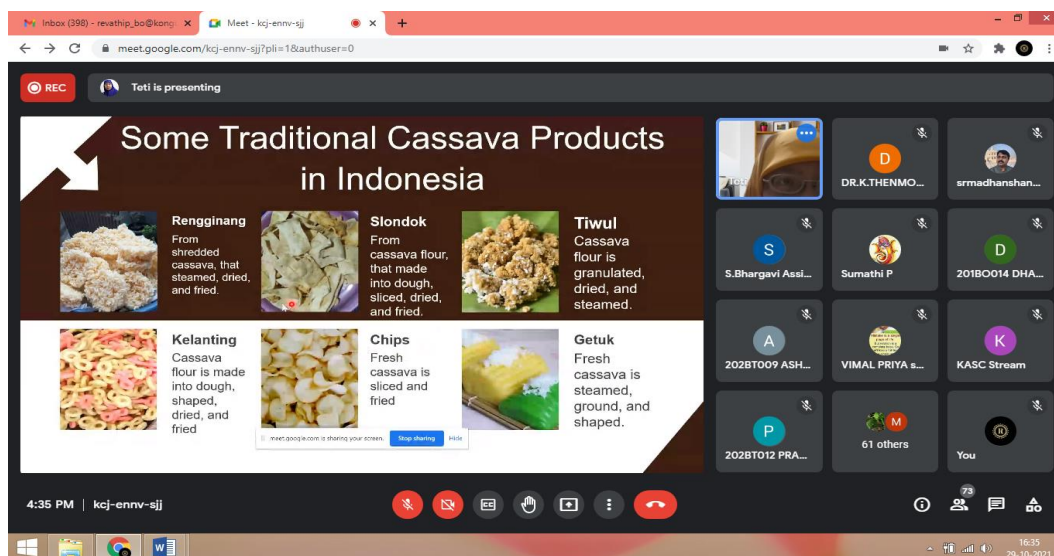
Dean Agricultural Technology, University of Brawijaya, Malang Indonesia.

The Day-2 (29-10-2021) of the Technical session was conducted by the Focal theme Organic farming and Traditional Food. The session was initiated by **Dr. Lalitha Ramasamy**, IQAC co-ordinator, PSG College, Coimbatore by felicitating the gathering. The guest introduction was introduced by **Dr. Anbarasi**, Assistant Professor, Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore.

The Plenary session-1 was lectured by the International speaker Professor **Teti Estiasih**, Dean Agricultural Technology, University of Brawijaya, Malang Indonesia on the Topic – **Tuber Based Indonesian Traditional Food**. The Lecture was about traditional way of cultivation of different tubers CASSAVA that are consumed as staple food in Indonesia. The tubers are characterized with high carbohydrate, low protein and low fat content. In this lecture it was pointed out that fresh tubers have low calories than rice because of high moisture content with a short shelf life. Some traditional CASSAVA products in Indonesia were also discussed like Solondka, prepared from cassava flour that made in to dough, sliced and fried. Kelantic, chips, Getuk fresh cassava steamed ground and shaped. The session was concluded with some remarks pointed out by the resource person like Tuber based functional food could provide food with health benefits and appropriate to the consumers need. Increasing tuber consumption could be conducted by increasing people awareness on the bioactive compounds and their health benefits in the tuber.



Professor Teti Estiasih, Dean Agricultural Technology, University of Brawijaya, Maland Indonesia, Presenting the session



Plenary Session 2

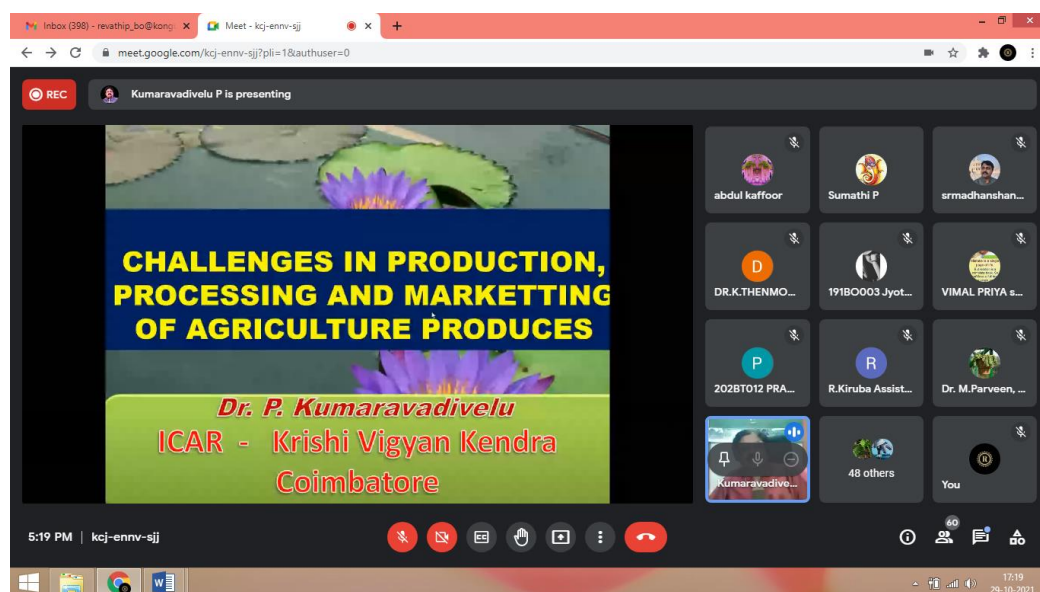
Challenges in Organic Agriculture Commodities- Production,

Processing and Global marketing

Dr. P.Kumaravadivelu,

Chief Scientist ICAR, KVK, Coimbatore.

In the Plenary session -2 **Dr. P.Kumaravadivelu**, Chief Scientist ICAR, KVK, Coimbatore delivered the session on the Topic- **Challenges in Organic Agriculture Commodities- Production, Processing and Global marketing**. Were he discussed in multidisciplinary way of production and marketing of Traditional Agriculture and tri farming for giving economic outputs. In his session he presented about the soil conservation management, soil analysis and fertility management. He also discussed about some Agronomical practices like planting, mulching, crop rotation and also about the Agro climatic factors for sustainable development. He emphasized some ideas regarding the challenges that are faced during the organic cultivation like yield reduction, higher cost production, weed management, marketing issues long term health of plants and also about the pest and disease management. He also explained about the problems and the solution overtaking the nutritional deficiency that occurs during organic farming. Various management practices like water conservation and weed conservation practices was also well explained in this session. The session was really an eye opening part for the entire participant. Finally the session was concluded by **Dr. G.Anbarasi**, Assistant Professor, Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore with vote of thanks. This lecture series was aimed to pool the ideas of academicians and practitioners for enriching the students' community.



REC Kumaravadevelu P is presenting

ICAR- KVK COIMBATORE is working on "Consumers diet Quality through Toxic Free Agri Produces"

DIETARY FIBRE : 6.4%
IRON : 132 mg

PHOSPOROUS : 36 mg
RICH SUGAR

PHOSPOROUS : 282 mg
IRON : 67.8 mg

CALCIUM RICH 160 mg
EUNCHANCY HIGH
(Capsaicin/ Capsanthin)

LARIC ACID:
40.8 g
ANTI OXIDANT
SULPHUR FREE

5:47 PM | kcj-ennv-sjj

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DR.K.THENMO... 211Z0015 S.Jee... VIMAL PRIYA s...
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REC Kumaravadevelu P is presenting

Boron deficiency

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Kumaravadevelu P 41 others You

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Day - 3

Plenary Session 1

Climate Change and Sustainable Agriculture

Dr. Usha Mina,

Associate Professor, School of Environmental Sciences, (JANU), New Delhi.

On Day-3 Plenary Session 1 (30-10-2021) **Dr. T.Jayakumar**, Dean- School of Commerce, Kongunadu Arts and Science College, Coimbatore Felicitated the gathering. The guest introduction was introduced by **Dr. D.Moorthy**, Assistant Professor, Department of Botany, Kongunadu Arts and Science College, Coimbatore. The Technical session was overhauled by the Focal theme –Genetic diversity conservation of Traditional Varieties. **Dr. Usha Mina**, Associate Professor, School of Environmental Sciences, (JANU), New Delhi, delivered the plenary session on the Topic- **Climate Change and Sustainable Agriculture**. In this juncture she delivered a wonderful lecture on Climate change and sustainable Agriculture: A role of traditional agriculture and varieties conservation. She explained the cause of revisiting and contemplation, Traditional agriculture practices in India and our role as an individual. Climate change, Natural resource depletion and sustainable agricultural practices were plays a role in revisiting of agriculture revolution. Indian economy

has grown to 2800 billion US dollars in 2019 from 30 billion US dollars i.e 90 times increases. Food production and economy were rising but in water availability reducing and Aquifers depleting, polluting water bodies, losing of biodiversity, climate change in India were severely damaged by modern agricultural practices. The poor people are in worst suffering zone in India, with help of sustainable agricultural practices provide multiple goods and services, food and livelihood security for millions of small-scale farmers. Nowadays Globally important agricultural heritage systems (GIAHS) were launched in many states in India. They gave the training in Forest gardening, Rice fish culture, Aqua forestry, Shifting cultivation, kanabandi and Badi cropping system. Many states received India Biodiversity Awards for Conservation of wild species, conservation of domesticated species, sustainable uses of biological resources and best biodiversity management committee. We can support and reducing the food loss through the following measures like Eco-regional agricultural planning, choosing local and seasonal food, diet diversification, Using emerging science and technology and it was highlighted that farmers are the earth creative achievers artists who ensure food security and biodiversity.

Plenary Session 2

Turkish Aquaculture – A Retrospective

Dr. Telit Yanik,

Ataturk University, Faculty of Fisheries, Department of Aquaculture, Turkey.

Plenary session- 2 **Dr. Telit Yanik**, Ataturk University, Faculty of Fisheries, Department of Aquaculture, Turkey, discussed on the topic Turkish Aquaculture – A Retrospective where he emphasized the data analysis of Aquaculture Production in Turkey. The aim of the lecture is to equip students with the latest theories and practices in the field of Aquaculture. The guest of introduction was given by **Dr. R.Kiruba**.

He began his lecture with Turkey's global location with boundaries followed by Allocation criteria for marine culture zones and Legislation. He stressed upon the History and General Overview, Human Resources, Farming Systems Distribution and Characteristics, Cultured Species Practices/Systems of Culture, Sector Performance, Production Market and Trade Contribution to the Economy Promotion and Management of the Sector. He also informed the students, that fisheries and aquaculture production is an important source of

accessible nutritious food, and a basis of livelihoods. It is also a key driver of coastal and rural economic well-being. Improving fisheries and aquaculture management is crucial to ensure future generations continue to benefit from Ocean resources and ecosystem services. It was a very informative and interactive session where students came to know about the career choices in Aquaculture.

Dr. R.Thirugnanasampandan, Assistant Professor, Department of Botany concluded the session with vote of thanks by remembering and recognizing the art of Turkish Aquaculture.

Day -4

Entrepreneurial Opportunities and Skill Development

The Day- 4 (01.11.2021): Technical session was discussed with a Focal theme of Entrepreneurial Opportunities and Skill Development by 3 session chair's. **Dr. JammunaShree GopalaKrishnan**, CEO, Genz farming , Hyderabad, **Mr. Anand Bellan**, Managing Partner, Farmkraft, Coonor and Mr. **Ramesh Chandran**, Founder-Director, Bio Basics, Vadavalli delivered their lectures by mentioning the importance of Organic Formic and their Consumption to maintain Eco friendly development. **Dr. S.Mythili**, Associate Professor and Head, Department of Information Technology KASC initiated the session by facilitating the gathering.

Plenary Session 1

Hydroponics

Dr. Jamunashree Gopalakrishnan

CEO, Genz Farming, Founder, Yleaf, Director, WhitehatJr, Hyderabad.

Dr. Jamunashree Gopalakrishnan CEO, Genz Farming, Founder, Yleaf, Director, WhitehatJr, Hyderabad delivered a talk in specific topic on **Hydroponics** under the theme 'Entrepreneurial Opportunities and Skill Development.' She highlighted about the three concerns before start a business such as Environment, Food security and Technology. She emphasized the challenging of feeding all the population in the world and status of the same. She explained the hydroponics growing methods, how it is giving solution for the food scarcity challenges by integrating aquatic and terrestrial food production in order to reach sustainability. In addition to that, she discussed about the opportunities including architectural designing, operational managements, arriving at zero waste on the farm to produce carbon footprint, expanding ecological cycle by using novel organisms, how sustainability advantages should be communicated to the consumers, improving efficiency and profitability. In addition to which it was discussed that RIAS, Recycling Aquaculture System and Challenge for feeding nine million people were operated. She also discussed

about the business tactics in Aquaponics from the first generation product, second generation product and services and even developing of methodologies for best practices for a successful business.

Dr. Jamunashree Gopalakrishnan, Presenting the Session on Hydroponics



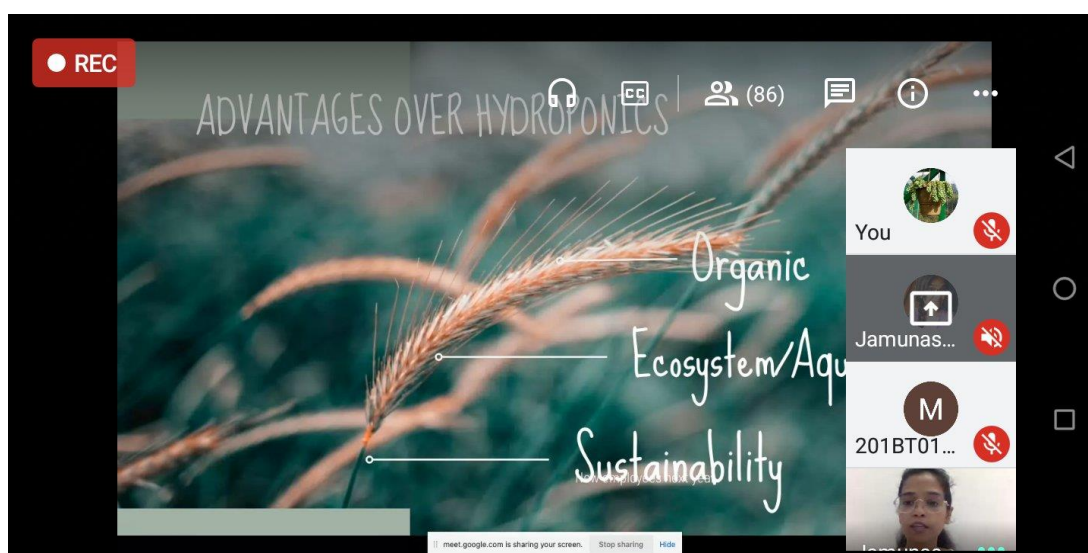
Plenary Session 2

Agritech and Emerging Opportunities in India

Mr. Anand Bellan Raman,

Co-Founder & COO of Krishitantra (M/s Klonec Automation Systems Pvt. Ltd.), Hyderabad and Managing Partner, Farmkraft, Coonoor.

Mr. Anand Bellan Raman, Co-Founder & COO of Krishitantra (M/s Klonec Automation Systems Pvt. Ltd.), Hyderabad and Managing Partner, Farmkraft, Coonoor delivered a lecture on “**Agritech and Emerging Opportunities in India**”. He started his lecture with the objectives of Farm to Folk, Farm to Factory, Precision Agriculture, and Sustainability. He explained that Indian agribusiness is fragmented and unorganized. He also gave a detailed explanation on challenges in Indian Agribusiness that only 16% contribution to GDP with 43% workforce, poor adoption of financial services, poor harvest losses, the farmer not getting a fair price, data is limited due to poor digital infrastructure, and soil degradation due to poor agricultural practices. Further, he clearly stated different segments of agritech, including Analytics and Agri Fintech, Supply Chain and Full-Stack, Imaging and AI, Farm Automation, Biotech, Farming as a service (renting equipment), Farm infrastructure, and information platforms. He specifically emphasized that agricultural biotechnology can be a key element in the fight against hunger and malnutrition in the developing world in addition to increased food supplies, reduced damage to ecology and environment and environmentally friendly farming practices.





Plenary Session 3

Social Entrepreneurship

Mr. Ramesh Chandran,

Founder, Director, Bio-Basics, Vadavalli, Coimbatore.

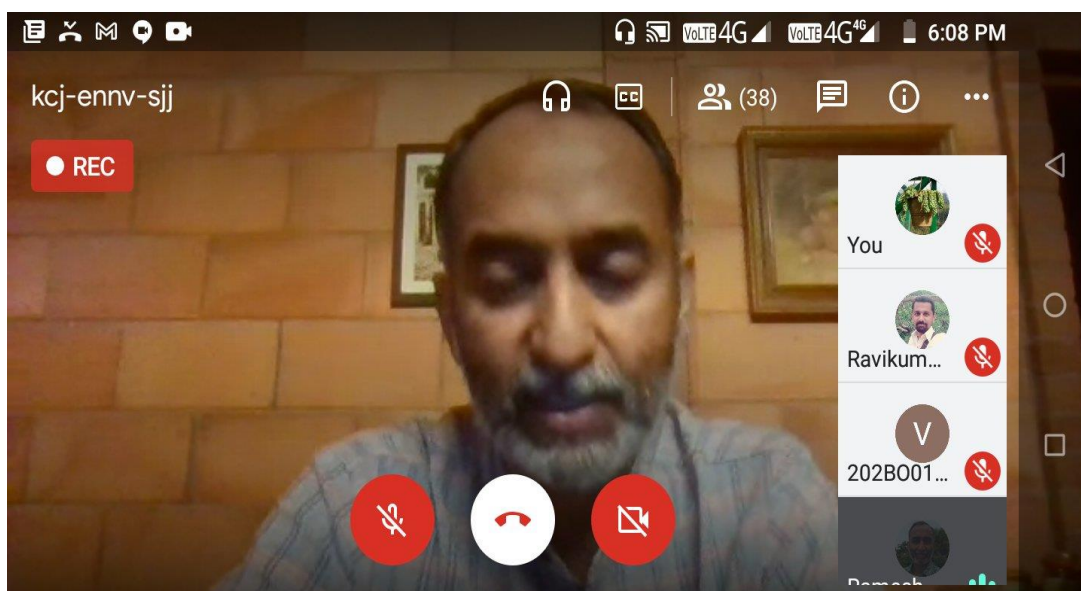
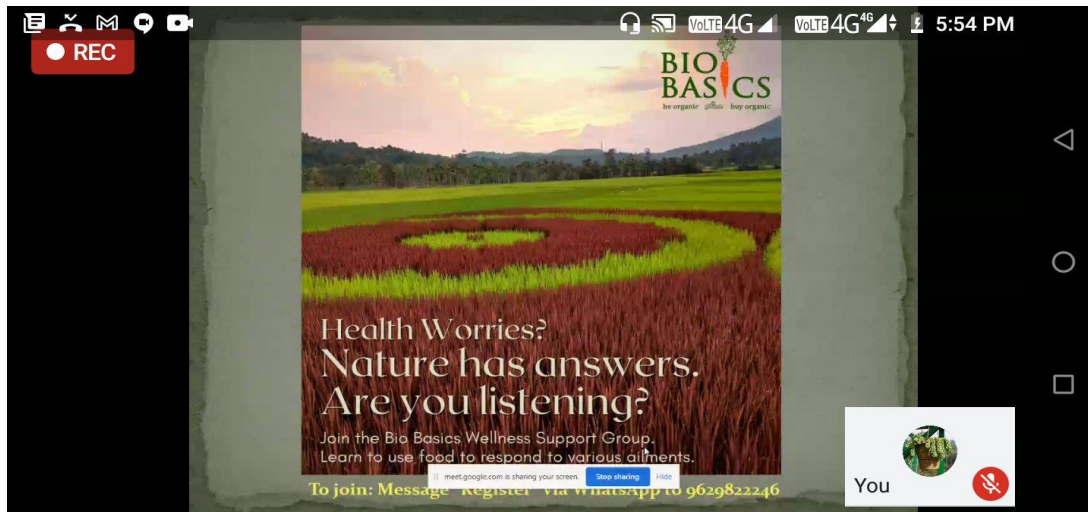
Mr. Ramesh Chandran, Founder, Director, Bio-Basics, Vadavalli, Coimbatore over taken the session under the title ‘**Social Entrepreneurship**’. Social Enterprises are different in terms of their outlook towards their own role. They are not just purely profit-making companies. But they are focused on social change and Environmental Protection. In fact, Social Enterprises are defined as those companies, which utilize business as a tool or a solution for solving social and environmental problems. The *raison d’être* of Social Enterprises is to create social change, and to protect the environment. The purpose is served by utilizing the business concepts and principles, such that the Enterprise itself is sustained over a longer period of time. But it is very critical for the Social Enterprise to focus on scale. The idea of the Social Enterprise is not just to limit its functioning to certain geography or limit its scope to a certain set of products or services. In fact, he discussed about Social Enterprises are designed to drive social change across the community and the nation. In fact, Bill Drayton, the founder of Ashoka (an incubator for Social Enterprises) who has been credited with the founding of the term “Social Entrepreneur” defines social entrepreneurs as follows:

“Social entrepreneurs are not content just to give a fish or teach how to fish. They will not rest until they have revolutionized the fishing industry.” In other words, the intention of the social entrepreneurs is to impact change at a much larger scale, so that such change is then irreversible and humanity itself would have progressed and taken that step towards betterment for all, once and for all.

Looking forward, he narrated that Social Enterprises are going to be the key catalysts for change in the society, engaging with the mainstream on economic, social and environmental issues. They will also be responsible for sensitizing both the producers and the consumers of various products and services towards social equality and Environmental Protection, while continuing to run their respective enterprises in a meaningfully profitable manner. We had this dream and we saw you there and now it has come true by a movement

called BioBasics where everything is organic and organic is everything. They share ideas and insights on how to make our lives better. As concluding part the vote of thanks was given by **Dr. S.Bhargavi**, Assistant Professor, Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore.

Mr. Ramesh Chandran, sharing the Importance of Social Entrepreneurship.



Day -5

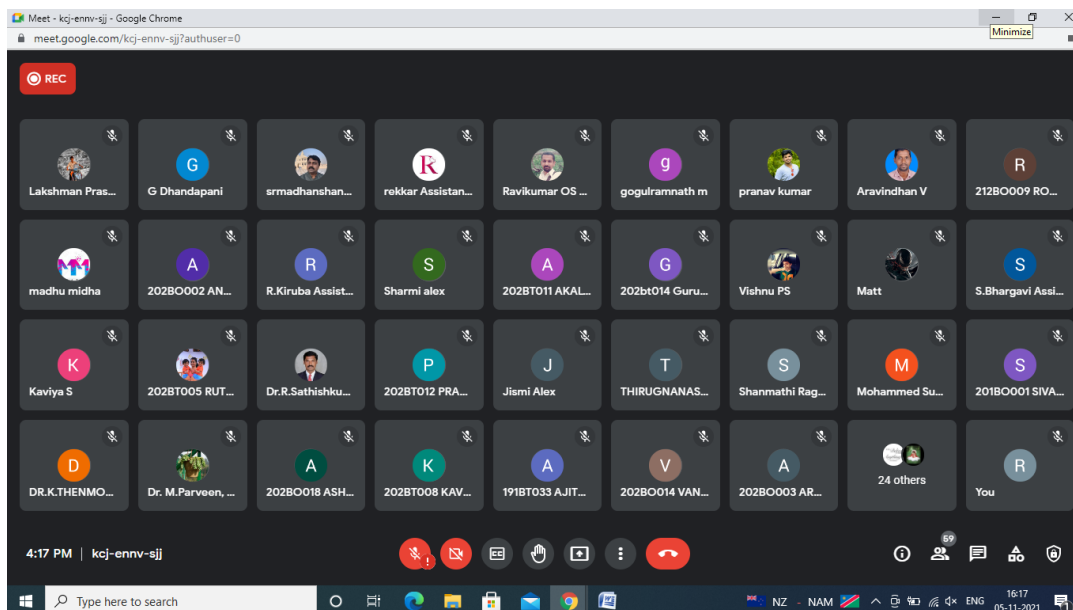
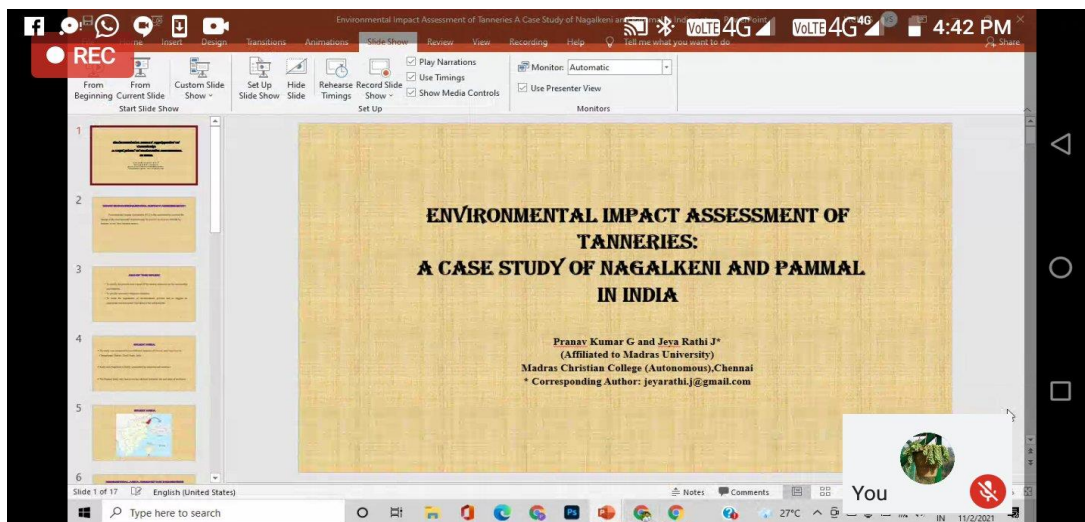
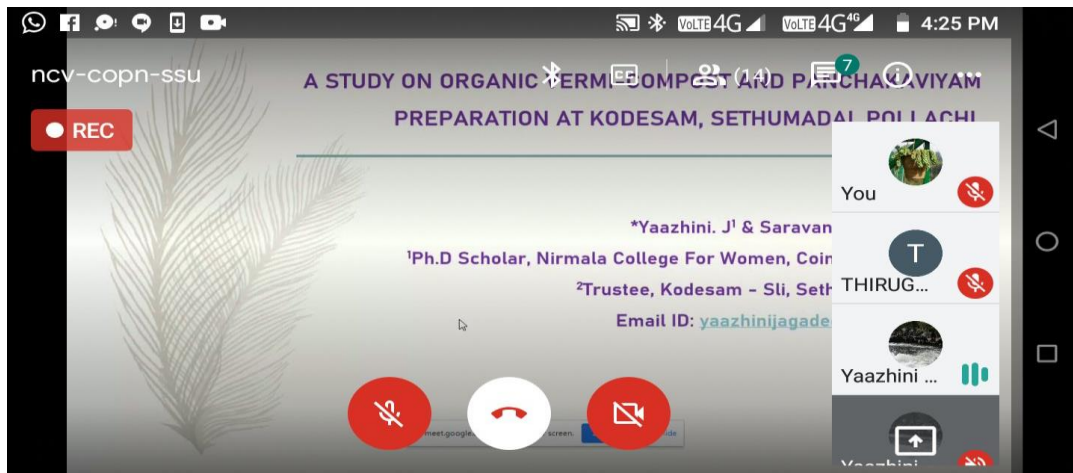
E-oral and Poster Paper Presentation

The 5th day (02-11-2021) of the session was scheduled for E- oral and poster paper presentation, which was valued by Chairpersons, Co-chair person and Rapporteurs. The criteria of valuation was carried out by, Clear presentation with distinguished work, explaining methodology and over all presentation with good interaction compared to others work.

The session was grouped into two, of which one with Oral presentation by creating a separate group link and the participants presented their presentation under the criteria allotted to them , It was judged by Chair person **Dr. Thirugnanasampandan**, Co-chair person, **Dr. K. Sowndhararajan**, Assistant Professor's, Department of Botany and **Dr. B. Vishnupriya** as Rapporteur, Assistant Professor, Department of Biotechnology KASC.

The second group was created by separated link were oral and poster presentation was presented. This group was judged by Chair person- **Dr. P. Sumathi** and Co-chair person **Dr. K. Karthika**, Assistant Professor's, Department of Botany and **Dr. G.Anbarasi** and **Mrs. R.Kiruba** acted as Rapporteurs Finally with the overall comparison of Oral and Poster Presentation, Best two papers were selected. 1. **A.Surya** Presented the paper Entitled on Hydroponics Cultivation- A Special reference from Solanaceae family. 2.**J. Jeyarathy** presented the paper titled on A study on the Phyco remediation Treatment of leather industrial effluent.

Participants Presenting the paper Presentation



Day – 6 :

Panel Discussion

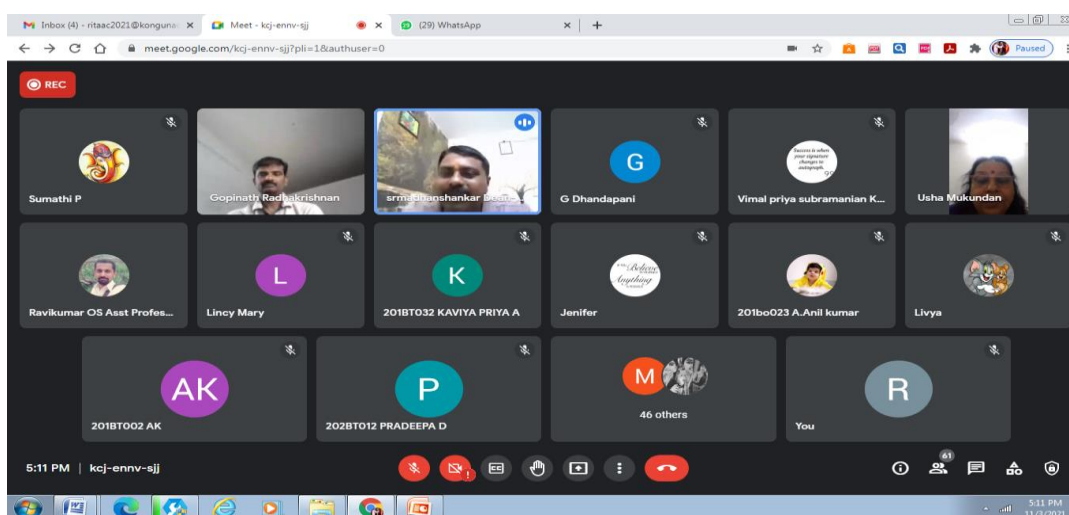
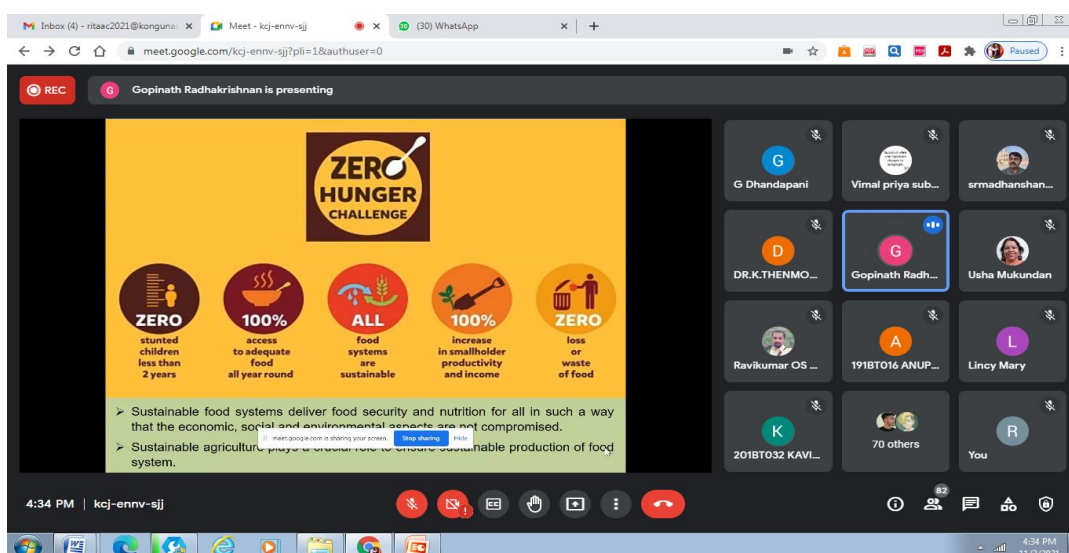
Organic Cultivation - Indian Scientific way and Sustainable Development

Panel Discussion in the “International Virtual Colloquium on “*Revisiting Indian Traditional Agriculture - A Contemplation* (RITAAC - 2021)” was held on 03.11.2021 as per the schedule.

The theme of the panel discussion was “**Organic Cultivation - Indian Scientific way and Sustainable Development**”. **Dr. S.Binukumari**, Assistant Professor & Head, Department (i/c) of Zoology, Kongunadu Arts and Science College felicitated the gathering by emphasizing the importance of Traditional Indian Agriculture practices by quoting the *Thirukkural*. **Dr. G. Dhandapani**, Assistant Professor, Department of the Botany, welcome the gathering and also introduced the distinguished panelists **Dr. Usha Mukundan**, Director, Hindi Vidya Prachar Samiti & Former Principal, Head of Botany Department, RJ College, Mumbai and second panelist **Dr. R. Gopinath**, Senior Scientist, MS Swaminathan Research Foundation (MSSRF), Chennai.

The panelist **Dr. Usha Mukundan** enthralled the participants with her energetic talk on the theme “Organic cultivation - Indian Scientific way and Sustainable Development”. She started her talk about cultivation of many vegetable crops in Maharashtra state and agronomic practices followed by the farmers for Sugarcane cultivation. She also emphasized her talk about many intercrops and successful management of natural calamities. Then she highlighted that Inter-cropping helping to make the farmer more economically. She also explained drought resistant crop varieties and new type of fruit crops cultivated by Maharashtra farmers. It was very informative and interactive that the faculty members and participants were able to know about the traditional methods of agriculture followed especially in the state of Maharashtra.

The second panelist **Dr. R. Gopinath**, presented his views elaborately on the topic entitled “*Sustainable agriculture for food systems*”. He discussed the need to understand the current scenario of agriculture systems and its importance. Also, he explained the zero hunger challenge in Indian agriculture system particularly Tamil Nadu farmers. He highlighted the challenges in agricultural research and also post-harvest management. The panel discussion session was very interactive and many of the faculty members / participants were actively interacted with both the panelists. After the precise interaction, this session came to an end. Finally vote of thanks was proposed by **Dr. V. Aravindhnan**, Assistant professor, Department of Botany, Kongunadu Arts and Science College, Coimbatore. The total around 85 participants joined the session and get benefited. which placed the Colloquium had a turning point of discussion were the farmers dreams could come out with joy of happiness.



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REC Gopinath Radhakrishnan is presenting

SAP Approach

I Provide training to women farmers on different SAP

- Trainings cover all major dimensions of sustainable agriculture practices
 - Classrooms
 - Demonstrations
 - Exposure visits

II Provide necessary facilitation for adoption of SAP

- Facilitation to women farmers' groups for access to bio-inputs on the one hand, and collective sales of agricultural produce

Trial plots

- Farmers tried in small area during first year

Community Resource Persons (CRPs)

- Highly motivated, enterprising women farmers have been inducted into the programme as Community Resource Persons (CRP)
- Intensive training on SAP
- Catalysts of change and mentors
- Developing CRPs is an important step towards making the programme sustainable
- A total of 100 women farmers trained as CRPs

Women farmers steadily travelled from 'know-how' to 'do-how' path

4:50 PM | kcj-ennv-sjj

Participants: G Dhandapani, Vimal priya sub..., srmadhanshan..., 201BT022 NITH..., Gopinath Radh..., Usha Mukundan, Ravikumar OS ..., Jenifer, Lincy Mary, 201BT032 KAVI..., 58 others, You

meet.google.com/kcj-ennv-sjj?pli=1&authuser=0

REC Gopinath Radhakrishnan is presenting

BASIC ELEMENTS OF SUSTAINABLE AGRICULTURAL PRACTICES (SAP)

Knowledge connectivity as a tool for agro advisories and phone-in programmes

4:49 PM | kcj-ennv-sjj

Participants: G Dhandapani, Vimal priya sub..., srmadhanshan..., DR.K.THENMO..., Gopinath Radh..., Usha Mukundan, Ravikumar OS ..., Jenifer, Lincy Mary, 201BT032 KAVI..., 57 others, You

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Session chair's on Panel discussion

Day -7 : Virtual Visit

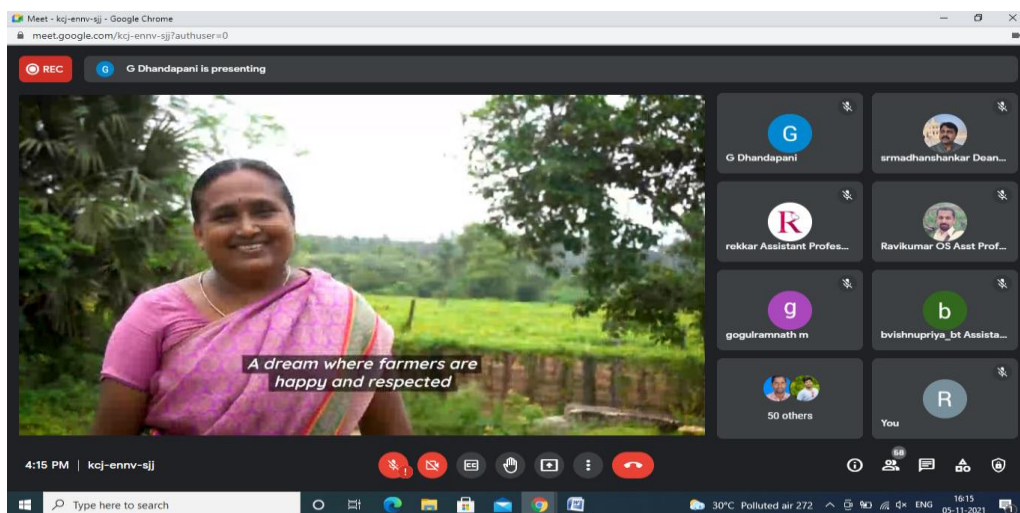
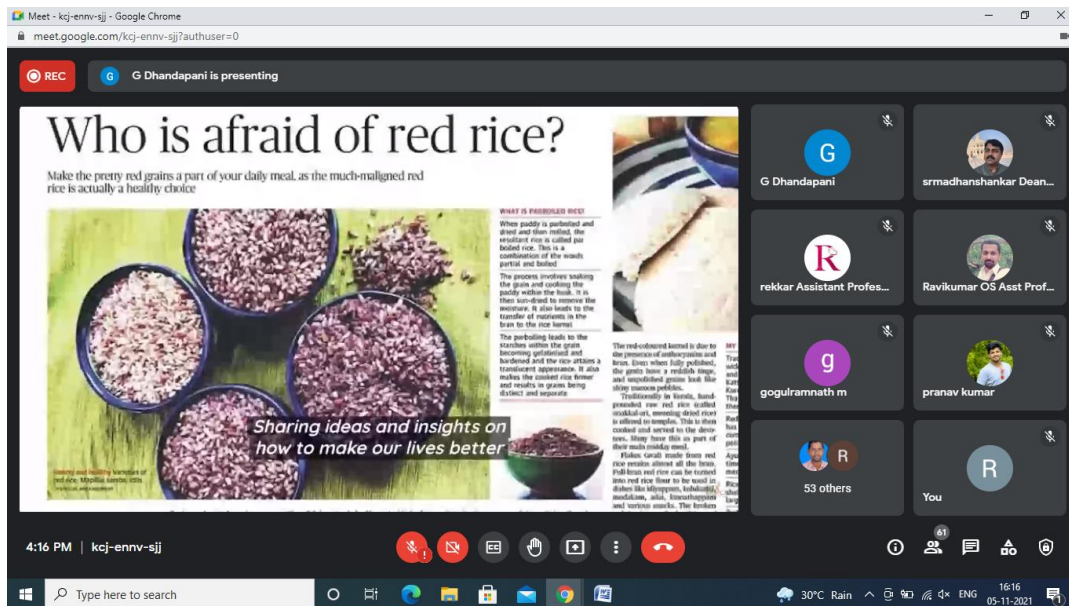
Bio- Basics, Vadavalli.

Deesan Organic Farming, Pollachi.

As the seventh Day – 7 (05-11-2021) of the Colloquium has been focused on virtual visit of organic farming with a session of Two virtual visit 1. Bio- Basics, Vadavalli Coimbatore and Deesan Organic Farming, Pollachi which added a special journey of the colloquium in this pandemic situation. By visiting the organic farming lively and their products added a way to reach the place of getting and consuming natural organic products to live a healthy long life. A Dream where all foods is organic and there are no chemicals in foods and cheaper food kills no more. A dream where fresh food tastes A dream where whole food is enjoyed with bran and fiber. A dream where thousands of rice flourish, so do wheat and millets by which the diversify of our crops. A dream where all good in life. Where salts come from rocks and seas and not from factory.

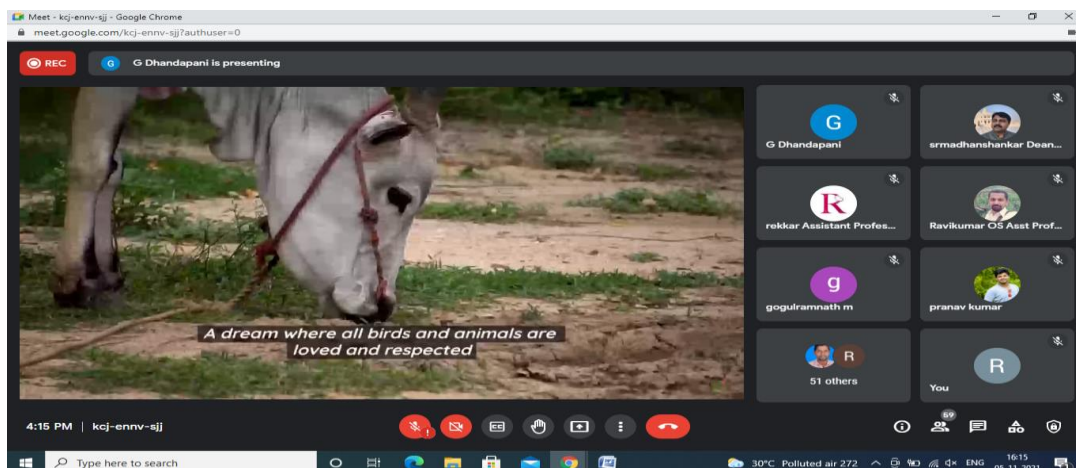
A dream where Farmers are happy and respected. Where their seed come from their own fields and their children choose to farm in family tradition. It insisted that the dream where the ground water become portable, where microbes thrive in the soil and the air become breatheable and were a dream where all are in good health, Where food and health come first for all families where food is our medicine, where our child live their full healthy life. A dream where our homes are free from chemicals by which our body will be free from chemical.

Bio basics Organic Farm Visit

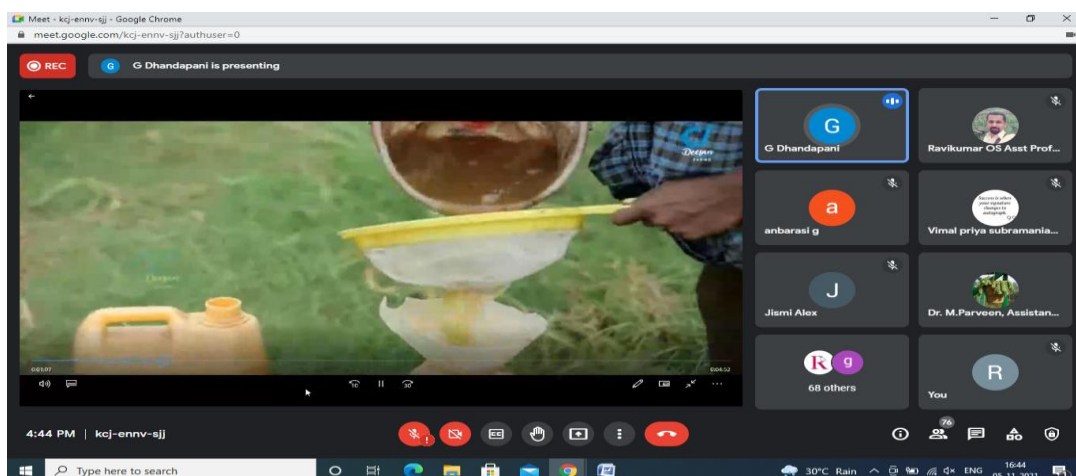


Eating Organic is not a Trend it's a Return to Tradition which gives the life of Happiness. By this virtual visit it made us to revisit our traditional way of Agriculture. Nearly 120 participants participated in this event from our own institution and from other institution crossed different states.

Deesan Organic Farm Virtual visit



Dessan Organic Farm Visit

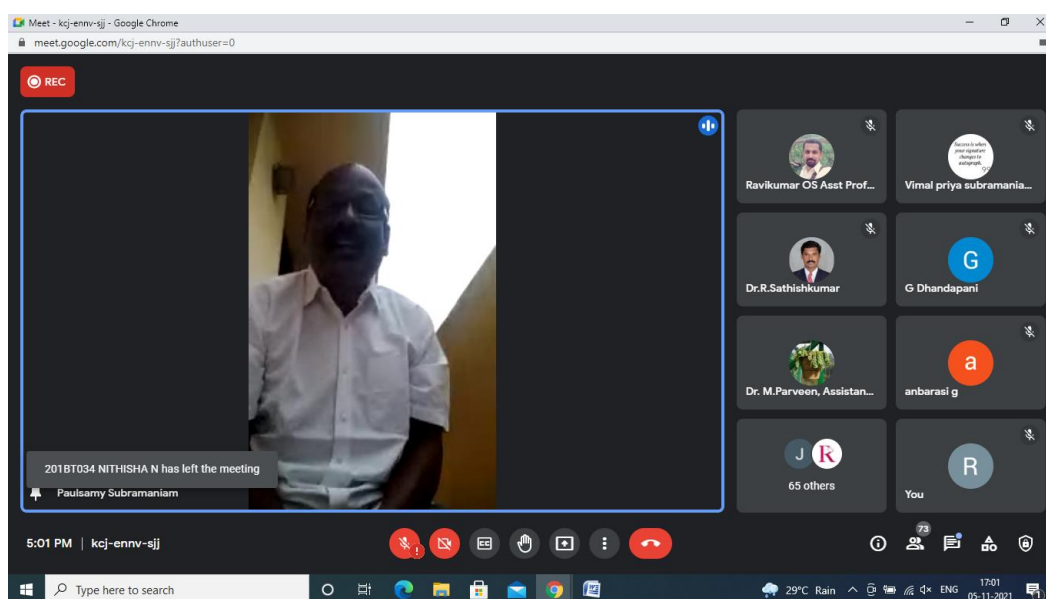


Valedictory ceremony

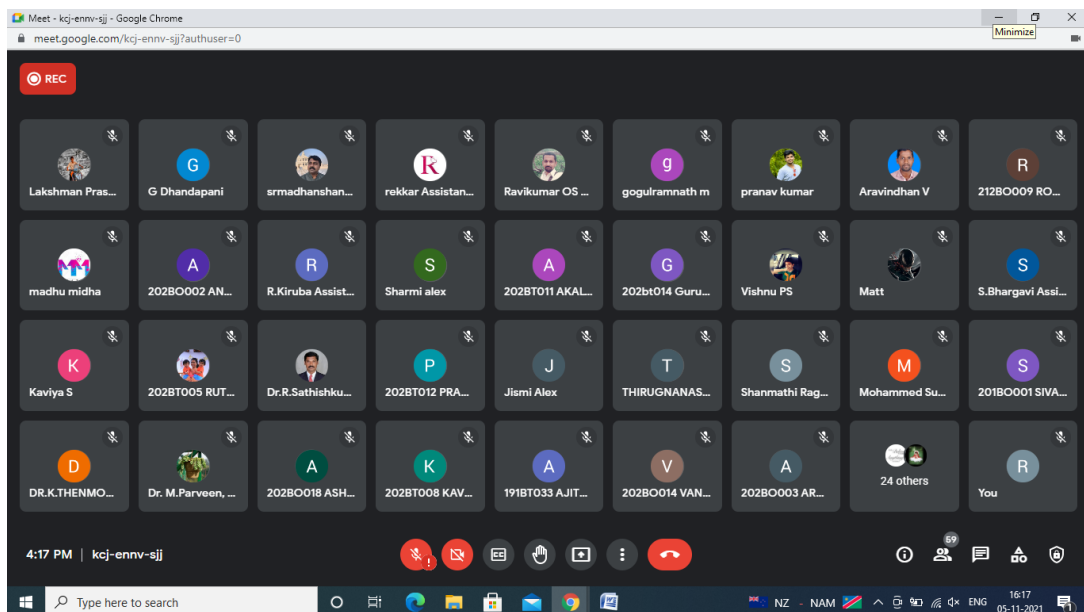
Dr. Usha Dixit addressed the valedictory ceremony and **Dr. S.Paulsamy Dean** and R&D Kongunadu Arts and Science College, Coimbatore addressed a special note on the importance of organic farming and traditional practices of sustainable development. He emphasized about different agricultural practices that exist from the past and different crop varieties that are cultivated for the betterment of people life. Finally **Dr. M.Parveen**, Organizing secretary of the Colloquium, Assistant professor, Department of Botany, Kongunadu Arts and Science College, Coimbatore presented the overall report reading of the Seven Days International Virtual Colloquium on “*Revisiting Indian Traditional Agriculture - A Contemplation* (RITAAC - 2021)”. As the concluding part **Dr. Gogul Ramnath**, Organizing secretary of the Colloquium, Assistant Professor Department of Biotechnology proposed the Vote of thanks for all the deliberates who supported directly and indirectly to make this event a grand success. **Dr. Ravikumar**, Assistant Professor,

Department of English carried out the overall programme MOC for the Seven days International Colloquium. We are confident that we all have learned lot of thing from the seven days mind blowing sessions with interesting knowledge of wounderful talks which made us for Revisiting Indian Traditional Agricultural practices with new technological methods for sustainable development.

Dr. S.Paulsamy, Dean &R&D Presenting the special lecture



Participants in Valedictory ceremony (Nos. 90)



INVITATION



KONGUNADU
ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
College of Excellence (UGC)
(As Accredited by NAAC with 'A' Grade (A++ Grade)
NAAC Rating: 'A++' (2019-2021)
Established: 1973

International Virtual Colloquium
ON
"Revisiting Indian Traditional Agriculture –
A Contemplation (RITAAC-2021)"

Between 28.10.2021 and 05.11.2021 @ 4.00 Pm



Organized by
**Department of Botany and
Department of Biotechnology**

www.kongunaducollege.ac.in

Preamble

The preamble of organizing this Colloquium "Revisiting Indian Traditional Agriculture – A Contemplation (RITAAC-2021)" is to revisit, revive, rejuvenate and reinforce the once dominant industry namely the agricultural sector which still holds the majority of the nation's workforce which contribute substantially to the nation's GDP. Our honourable Prime Minister Shri Narendra Modi ji declared to double the farmers' income by the year 2022 and several schemes which were implemented with this vision are becoming a reality. The green revolution which was introduced very early in our country had created a transition in cultivation, yet at the same time created impacted long term economic and ecologic effects. Today, we are at cross roads and there is a dire need to build a stronger agricultural sector without further harm to the environment and other natural resources. The option available to us is to revisit the sustainable practices of agriculture focusing on "Agriculture-Water-Energy" nexus such that we can witness the second green revolution making agriculture more climate resilient and rewarding to the country's GDP.

In this line this colloquium shall address the following

- 01 Role of floriculture and landscaping as a way forward to boost the agricultural economy
- 02 Advantages of adapting organic farming and organic product
- 03 Deciphering the genetic aspects of crop plants for effective utilization and conservation of wild varieties
- 04 To arrive at a resolution on the importance and sustainability of organic cultivation
- 05 To explore and emphasize the myriad of entrepreneurial opportunities in this sector

About Kongunadu Arts and Science College

Kongunadu Arts and Science College started in the year 1973. Re-accredited with 'A++' Grade by the National Assessment and Accreditation Council (NAAC) in the 4th Cycle. Now it is offering 30 B.A. and 11 PG courses and 13 research departments offering M.Phil and Ph.D. programmes with a total of 4097 students and 198 teaching faculty. The college has been recognizing the quality of teaching imparted in the college. UGC awarded the status of "College of Excellence". Autonomy was granted to the college in the year 1986. The College has been awarded with a financial allocation of Rs. 30,00,000 (Rupees Thirty Lakhs) as Mentor Institution by UGC under the scheme of "Paripatra". The Department of Science and Technology (DST), has granted financial assistance to a team of Professor MGR Lakshmi to the college under DST-FIST programme. The college has also been sanctioned with the prestigious HRD New College Scheme. The college has been positioned at 8th in NIRF ranking 2021 and categorized under Band "A" institution (6-21 category) in NIRF, 2021 ranking process. The Ministry of Education's Institution Innovation Council (IIC) has conferred FIVE STARS in recognition of the entrepreneurial activities of the institution.

About the Botany Department

The Department was started by introducing PUC (Natural Science, Physics and Chemistry) in 1973. The UG programme in Botany was started in the year 1979 and upgraded to PG level in the year 1986. The Research Programmes (M.Phil and Ph.D.) in Botany was introduced in the year 1986. In addition to this, PG diploma course in Biodiversity and Certificate course in Botany are being started from the year 2018. Since inception, the department has produced about 1200 Undergraduates, 621 Postgraduates, 146 M.Phil and 127 Doctorates. The Department holds the unique distinction of having all disciplines faculty who are specialized in various areas of Plant Sciences. The Department maintains Herbarium, tissue, micrographs, Microbial Plant, Garden, tissue culture and Microbiology laboratories and sophisticated instruments like HPLC, PCR, UV Double Beam Spectrophotometer, Biophotometer, Longlightmeter and Botany between Evaporation. The Department has completed 14 major research projects and 13 minor research projects funded by UGC, MHRD, FNSCT, BSA and ENED for the time of about Rs. 1 Crore and also published 408 research articles in peer reviewed reputed journals with good impact factor.

About the Biotechnology Department

The Department of Biotechnology had its inception in the year 1996 and offers UG, PG and Research programmes in Biotechnology. The department has an excellent state of the art lab conducive to perform high throughput research in unique areas of applied Biotechnology. The lab has several high end equipments like REPCR, Longlightmeter, densitometer, ELISA reader, fluorescent microscope, etc. The Department is supported by DBT, FIST and FNSCT state college schemes. Apart from providing an excellent and innovative learning experience, several co-curricular activities are also being administered by the establishment with an aim to provide holistic and comprehensive Biotechnology education. The Department has well experienced faculty who operate several funded projects to a tune of more than fifty lakhs. Our alumni are placed at coveted positions in India as well as in several countries.

"Revisiting Indian Traditional Agriculture – A Contemplation (RITAAC-2021)"
Abstracts/Full text article submission details

Focal themes to submit the Full text articles

1. Horticulture-Floriculture and Landscaping
2. Organic farming and organic food production
3. Biotechnological interventions in Agriculture
4. Product/Process/Entrepreneurship development in Agriculture and Agricultural Business

Submission Checklist

Participants are requested for full text submission, which should be typed in Times New Roman, 12 font size, 1.5 line spaced, and title should be in boldface capitals, margins of at least one inch on all sides along with author details. Pages should be numbered consecutively, starting with the title page and arranged in the following order: Abstract (100 words), Keywords (5 to 6 keywords), Introduction, Materials and Methods, Results, Discussion (Results and Discussion), Conclusion, Acknowledgement and References. All figures and tables including relevant captions and descriptions should be at appropriate places in the text. All references mentioned in the text should be included in the Reference list (Springer style) alphabetically.

Important Note

"Abstracts for oral and poster presentations are invited. Interested participants are asked to submit their full text articles. The abstracts and full text articles should be in specified guidelines and may be submitted to: rtac2021@kongunaducollege.ac.in"

"The selected full text articles in each of the focal theme will be published in higher national journal after evaluation by a panel. In other, full text articles will be published in proceedings in 2026. Certificate will be provided for those who attend all the sessions, also one for the submission of Abstract Full Text Article as a paper. 30/10/21"

Chief Patron
Dr. M. Anuchami, President, KASC

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

Chairman
Dr. M. Leshmanaswamy, Principal, KASC

Convener
Dr. S. R. Madhan Shankar
Dean-Academics, Associate Professor & Head,
Department of Botany, KASC

Organizing Secretaries
Dr. R. Sivarajakrishna
Associate Dean, R&D, Head,
UG Department of Biotechnology, KASC

Dr. M. Parveen (+91 7958204878)
Assistant Professor, Department of Botany,
Kongunadu Arts and Science College, Coimbatore-29.

Dr. P. Revathi (+91 957850628)
Assistant Professor, Department of Botany,
Kongunadu Arts and Science College, Coimbatore-29.

Dr. M. Gopal Ramnath (+91 994333034)
Assistant Professor, Department of Biotechnology,
Kongunadu Arts and Science College, Coimbatore-29.

Address for Communications
Kongunadu Arts and Science College,
Coimbatore-641029, Tamil Nadu, INDIA
Ph:022 2642995
E-mail: rtac2021@kongunaducollege.ac.in

Programme Schedule - Session Theme

Day 1: 28.10.2021 **Registration**

Plenary Session 1: Plenary on a Business
Plenary Session 2: Floriculture and Landscaping

Day 2: 29.10.2021

Plenary Session 3: Organic Farming and Traditional Food
Plenary Session 4: Organic Farming

Day 3: 30.10.2021

Plenary Session 5: Genetic Diversity Conservation of
Plenary Session 6: Agriculture and Aquaculture

Day 4: 01.11.2021

Entrepreneurial Opportunities and Skill Development in
Agricultural Sectors

Day 5: 02.11.2021

A. Evaluation
B. Oral Paper and E-poster Presentation

Day 6: 03.11.2021

Panel Discussion
Topic: Organic Cultivation - Indian Scientific way and
Sustainable Development

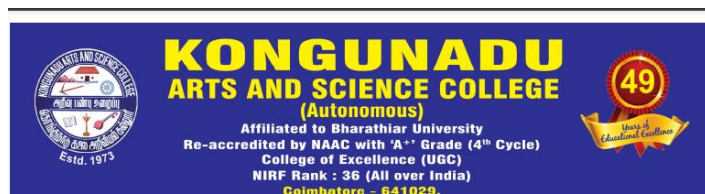
Day 7: 04.11.2021

Virtual visit
to
1. Botany Department, Polurchi
2. Biotech, Vellore
3. Floriculture

Validity Ceremony

Registration Link
<https://forms.gle/V18E7K5fAj2T7A>

Bank Account Details
Account Name : HOD of Botany
Bank Account No : 170701000016772
Name of the Bank : Indian Overseas Bank
Branch : Kavundampalayam-Kongunadu College
Registration Fee: Rs. 200/-



International Virtual Colloquium on “Revisiting Indian Traditional Agriculture – A Contemplation (RITAAC-2021)”

From 28.10.2021 to 05.11.2021 @ 4.00 - 6.00pm

Through MS Teams

Organized by

Department of Botany & Department of Biotechnology

PROGRAMME SCHEDULE

DAY	SESSION THEME AND RESOURCE PERSONS	
Day - 1 28.10.2021	INAUGURAL ADDRESS	
	Prof. Dr. P.Kaliraj, Vice-Chancellor, Bharathiar University, Coimbatore.	
	Dr. R.Srinivasan, Member Secretary, Tamil Nadu State Council for Science and Technology TNSCST, Chennai.	
	Plenary Session 1 : Floriculture as a Business	
	SPEAKER: Dr. K.Valliappan Technical Director, Alagu's Flower Valley, Coimbatore. Topic: Opportunities in Floriculture	
	Plenary Session 2 : Floriculture and Landscaping	
	SPEAKER: Dr. S.S.Sindhu, Head, Division of Floriculture and Landscaping, Indian Agricultural Research Institute (ICAR), PUSA Campus, New Delhi. Topic: Avenue and Opportunities in Floriculture and Landscaping	

Day - 2 29.10.2021	SPEAKER: Prof. Teti Estiasih, Dean, Agricultural Technology University of Brawijaya, Malang, Indonesia. Topic: Tuber Based Indonesian Traditional Food	
	Plenary Session 4 : Organic Farming	
	SPEAKER: Dr. P.Kumaravadevelu, Chief Scientist, ICAR KVK, Coimbatore. Topic: Challenges in Organic Agricultural Commodities - Production, Processing and Global Marketing	

DAY	SESSION THEME AND RESOURCE PERSONS	
Day - 3 30.10.2021	Plenary Session 5 : Genetic Diversity Conservation of Traditional Varieties	
	SPEAKER: Dr. Usha Mina, Associate Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi. Topic: Climate Change and Sustainable Agriculture : A Role of Traditional Agriculture and Varieties Conservation	
	Plenary Session 6 : Agriculture and Aquaculture	
	SPEAKER: Dr. Telat Yanik, Ataturk University, Faculty of Fisheries, Department of Aquaculture, 25240-Erzurum/Turkey. Topic: Turkish Aquaculture - A Retrospective	

Day - 4 01.11.2021	Entrepreneurial Opportunities and Skill Development SESSION CHAIR: Dr. Jamunashree Gopalakrishnan, CEO, Genz Farming, Founder, Yleaf, Director, WhitehatJr, Hyderabad. Topic: Hydroponics	
	SESSION CHAIR: Mr. Anand Bellan Raman, Managing Partner, Farmkraft, Coonoor, Cofounder & COO, Krishitantra, Hyderabad. Topic: Agritech and Emerging Opportunities in India	
	SESSION CHAIR: Dr. Ramesh Chandran, Founder-Director, BioBasics, Vadavalli, Coimbatore. Topic: Social Entrepreneurship	
Day - 5 02.11.2021	Paper Presentation: E-Oral Paper and E-Poster Presentation	
Day - 6 03.11.2021	Panel Discussion Topic: Organic Cultivation - Indian Scientific way and Sustainable Development	
	PANELIST 1: Dr. Praveen Verma, Staff Scientist VI, National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi.	
	PANELIST 2: Dr. Usha Mukundan, Director, Hindi Vidya Prachar Samiti & Former Principal, Head of Botany Department, R J College, Mumbai.	
	PANELIST 3: Dr. R. Gopinath, Senior Scientist, MS Swaminathan Research Foundation, Chennai.	
Day - 7 05.11.2021	Virtual Visit 1. Deesan Organic Farming, Pollachi. 2. BioBasics, Vadavalli, Coimbatore. 3. Floriculture	
	Valedictory Ceremony Valedictory Address: Dr. Usha Dixit, Counsellor (Science and Technology), Embassy of India, Tokyo, Japan.	

With great pleasure, we cordially invite the faculty members/Research Scholars and Students to register and to send their abstracts/ full text articles on or before 22.10.2021 to the Mail ID: ritaac2021@kongunaducollege.ac.in

MS teams Link will be send to all registered participants.

Registration link: <https://forms.gle/V18EJ7KSfrAjt2T7A>

Registration fee: Rs. 200/- only

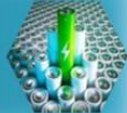
(Free Registration for Kongunadu Arts and Science College participants)

Kongunadu Arts and Science College, Coimbatore-641029

Department of Physics

International Webinar on Energy Storage Systems (June 05, 2021)

1. Invitation



KONGUNADU ARTS AND SCIENCE COLLEGE
(Autonomous)
College of Excellence (UGC)
Re-accredited by NAAC with 'A+' Grade (4th Cycle)
COIMBATORE - 641029

DEPARTMENT OF PHYSICS
Cordially invites you for an International Level Webinar on
ENERGY STORAGE SYSTEMS
(June 5, 2021)

RESOURCE PERSON - 1
Dr. Senthilkumar Baskar
Postdoctoral Fellow
Jawaharlal Nehru Centre for
Advanced Scientific Research
(JNCASR), Bengaluru, INDIA



TOPIC
Basics and Progress of
Lithium-ion Batteries

Time: 2:15 – 3:00 pm (IST)

RESOURCE PERSON - 2
Dr. S.T. Senthilkumar
Postdoctoral Researcher
IMDEA Energy, Spain



TOPIC
Redox flow battery: the contender
for future energy storage system

Time: 3:00 – 3:45 pm (IST)

CHIEF PATRON
Dr. M. Aruchami
President

PATRON
Dr. C. A. Vasuki
Secretary and Director

CHAIR PERSON
Dr. M. Lekeshmanaswamy
Principal

ADVISORY COMMITTEE
Dr. S. R. Madhan Shankar
Dean Academics
Dr. S. Paulsamy
Dean R & D

CONVENER
Dr. M. Dhanam
Associate Professor & Head
Department of Physics

ORGANIZING SECRETARY
Dr. V.D. Nithya
Assistant Professor
Department of Physics

Google Meet Link: <https://meet.google.com/esg-kcwi-zkr>



2. Report of International Webinar on Energy Storage Systems

Date: June 5, 2021

Number of Participants: 68

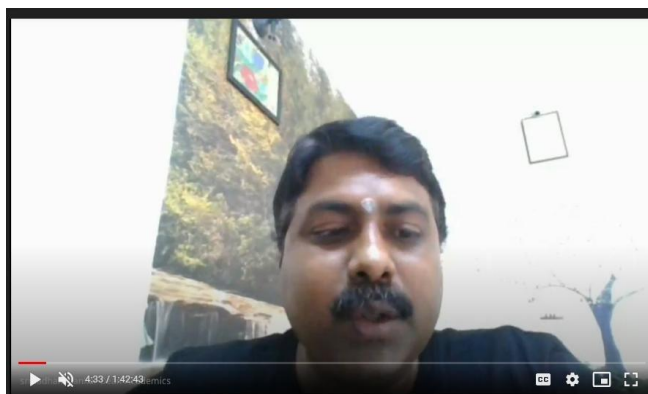
The inaugural function of the webinar started with a prayer song by Mr.S.Deepak of II BSc Physics and followed by the welcome address by Dr.M.Dhanam, Associate Professor and HoD of Physics. In the welcome address she highlighted the significance of the webinar. Dr.S.R.Madhan Shankar, Dean, Academics and Dr.S.Paulsamy, Dean, R&D felicitated the gathering. Followed by their innovative speech, Dr.M.Lekshmanaswamy, Principal gave the presidential address. Finally the vote of thanks for the inauguration was given by Dr.V.D.Nithya, Assistant Professor of Physics and Organising Secretary of the webinar.

After a short introduction of the speakers, Technical session-1 was handed over to Dr.Senthilkumar Baskar, Post-doctoral fellow at Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru, India. The speaker gave an elaborative explanation on the basics, working, construction, characterizations and progress of Lithium-ion batteries. The various materials utilized as electrode for lithium ion batteries was discussed.

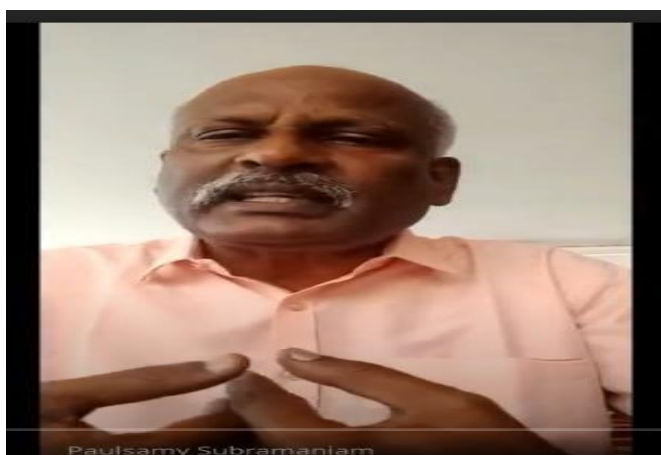
Technical session II was handover to Dr.S.T.Senthilkumar, Post-doctoral researcher at IMDEA Energy, Spain. The merits of redox flow battery compared to lithium ion batteries and the detailed explanation of its construction, working and achieved energy density was elaborated. Both the technical sessions were so informative and nearly 68 participants from PRIST Deemed University, Thanjavur, Sri Sarada College for Women, Salem, Providence College for Women, Coonoor, Bharthiar University, Coimbatore, PSGR Krishnammal College for Women, Coimbatore and Kongunadu Arts and Science College, Coimbatore have participated in the webinar and benefited.



Welcome address by Dr.M Dhanam, Associate Professor & HoD of Physics.



Felicitation address by Dr.S.R.Madhan Shankar, Dean, Academics, KASC.



Felicitation address by Dr.S.Paulsamy, Dean,R&D, KASC.



Presidential address by Dr.M.Lekeshmanaswamy, Principal, KASC.

Working of Li-ion batteries (LIBs)

Anode – low voltage, high chemical potential
Cathode – high voltage, low chemical potential
Non-aqueous electrolyte: E.g. 1M LIPF₆ in EC/PC/DMC

In a Li⁺-ion battery, Li⁺ is shuttled between a host (the anode) that is at a higher chemical potential, and a different host (the cathode) that is at lower chemical potential.

In the lithium battery (Li-battery, as opposed to Li⁺-ion), the anode is Li metal.

C. Liu et al., Materials Today 19 (2016) 109

Senthilkumar B

Technical Session 1 - Resource Person: Dr.Senthilkumar Baskar, JNCASC, Bengaluru, India.

Difference b/w Li-ion battery and Redox flow battery (RFB)

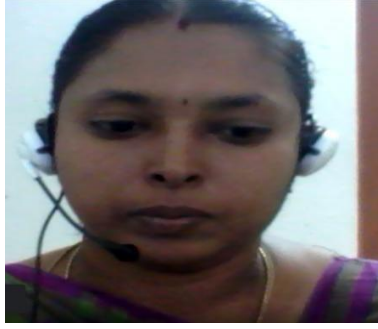
Li-ion battery

Anode and cathode electrode both are solid and static in the battery. Anode and cathode usually mixer of active material, conducting additive and binder, coated on the metal current c...

Redox flow battery

Senthil St

Technical Session II - Resource Person: Dr.S.T.Senthilkumar, IMDEA Energy, Spain.



Vote of Thanks by Dr.V.D.Nithya, Assistant Professor, Department of Physics, KASC.

3. Certificates to the speakers

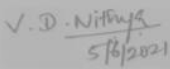


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Certificate of Appreciation

This certificate is presented to **Dr. Senthilkumar Baskar (Postdoctoral Fellow)** of **Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru** for sharing his valuable knowledge as a guest speaker in the international level webinar on **Energy Storage Systems** held on June 05, 2021 organized by the Department of Physics, Kongunadu Arts and Science College, Coimbatore, India.


Organizing Secretary
Dr. V. D. Nithya
Assistant Professor of Physics


Convener
Dr. M. Dhanam
Associate Professor & HoD of Physics

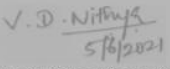


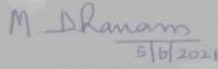
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Certificate of Appreciation

This certificate is presented to **Dr. S.T. Senthilkumar (Postdoctoral Researcher)** of **IMDEA Energy, Spain** for sharing his valuable knowledge as a guest speaker in the international level webinar on **Energy Storage Systems** held on June 05, 2021 organized by the Department of Physics, Kongunadu Arts and Science College, Coimbatore, India.


Organizing Secretary
Dr. V. D. Nithya
Assistant Professor of Physics


Convener
Dr. M. Dhanam
Associate Professor & HoD of Physics

Kongunadu Arts and Science College, Coimbatore-641029

Department of Physics

Short term course on, 'Practical Considerations and System Aspects of Solar Photovoltaics' (10-12, June 2021)

1. Invitation



KONGUNADU ARTS AND SCIENCE COLLEGE

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College of Excellence (UGC)
Re-accredited by NAAC with 'A+' Grade (4th Cycle)
COIMBATORE - 641029



Department of Physics conducts a short term course on

"PRACTICAL CONSIDERATIONS AND SYSTEM ASPECTS OF SOLAR PHOTOVOLTAICS"

10 – 12 JUNE 2021 | 4 – 5 PM

Resource Person

Dr. JEYADHEEPAN K
Multifunctional Materials & Devices Lab
School of Electricals & Electronics Engineering
SASTRA Deemed University, Thanjavur.



To register, Scan QR Code



Or Visit

<https://forms.gle/zNBmR5vsduH5XsBn6>

GOOGLE MEET LINK: <http://meet.google.com/xnh-hxfb-btr>

Dr. M. Aruchami President	Dr. C. A. Vasuki Secretary and Director	Dr. M. Lekshmanaswamy Principal
Dr. S. Paulsamy Dean R & D	Dr. M. Dhanam Associate Professor & Head Department of Physics	Course Co-ordinators Dr. K. Saravanakumar & Dr. V.D. Nithya Assistant Professors Department of Physics
Dr. S. R. Madhan Shankar Dean Academics		

Graded E-certificates will be provided to the participants only fulfill the following criteria

i) The participants must attend all the sessions and ii) to submit all feedback form, quizzes, assignments during the course of the programme within the deadline

2. Report of Short term course on “Practical Considerations and System Aspects of Solar Photovoltaics (10-12, June 2021)”

Day 1: June 10, 2021

Number of Participants: 205

The inaugural function of the short term course started with a prayer song by Mr.S.Deepak of II BSc Physics and followed by the welcome address by Dr.M.Dhanam, Associate Professor and HoD of Physics who has highlighted the significance of the short term course. Followed by the welcome address, Dr.M.Lekeshmanaswamy, Principal gave the presidential address and Dr.K.Saravanakumar, Assistant Professor, Department of Physics, KASC introduced the resource person of the short term course. After a short introduction of the speakers, the technical session was handed over to Dr.K.Jeyadheepan, Assistant Professor (Research), SASTRA Deemed University, Thanjavur India. The speaker gave an introduction on solar energy, its history, basics, pre-practical considerations such as power, energy, efficiency of appliances and cost of solar systems. At the end of the session, assignment on power and energy calculation of various home appliances was given to participants.

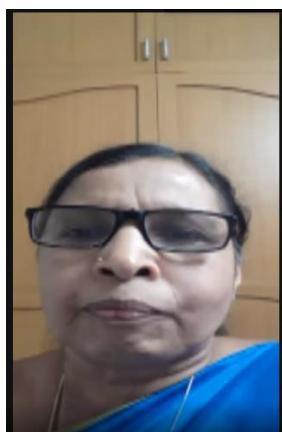
Day 2: June 11, 2021

In Day 2, the speaker Dr.K.Jeyadheepan gave a detailed explanation of solar photovoltaic system, basics of solar panels, batteries, electronic management systems, solar radiations at a place. After the technical session, an assignment on the calculation of solar panel area, energy stored/discharged in a battery, energy needed to power the house, power rating of the inverter was given to the participants.

Day 3: June 12, 2021

Dr.K.Jeyadheepan started the technical session with a elaborative presentation about PV system sizing, Insights on system design-Initial investment, Panel Technologies, Changing technology, On-Grid or Off-Grid. Quiz on the course topics was sent to all participants. Vote of thanks for the short term course was delivered by Dr.V.D.Nithya, Assistant Professor, Department of Physics, KASC.

All technical sessions of the short term course were so informative and all the participants were benefited. Participants were from various Universities, Engineering Colleges and Arts & Science College of not only Tamil Nadu but also from other states have participated in the short term course and benefited. Over 137 participants completed assignments successfully on time and they were awarded the E-certificates with grades based on their performance.



Welcome address by Dr.M Dhanam, Associate Professor & HoD of Physics.



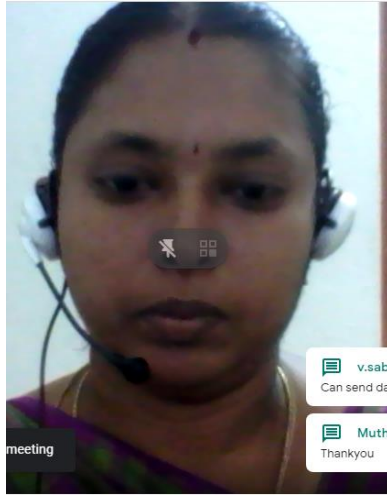
Presidential address by Dr.M.Lekeshmanaswamy, Principal, KASC.



Introduction of the speaker by Dr.K.Saravanakumar, Assistant Professor of Physics, KASC



Technical Session by Resource Person: Dr.K.Jeyadheepan, Assistant Professor (Research),
SASTRA Deemed University, Thanjavur.



Vote of Thanks by Dr.V.D.Nithya, Assistant Professor of Physics, KASC.

3. Certificate of appreciation to the speaker



4. Certificate of Participation

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(Autonomous)
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Re-accredited by NAAC with 'A+' Grade (4th Cycle)
COIMBATORE - 641029



This is to Certify that

Dr. Soumita Jana
Department of Nanotechnology
Central University of Jharkhand, Ranchi

Completed the web based
Short Term Course on

**Practical Considerations and System Aspects of
Solar Photovoltaics**

10 - 12 JUNE 2021

and obtained 'A+' Grade

Organised by
Department of Physics

Course Co-ordinators
Dr.K.Saravanakumar
Dr.V.D.Nithya


Dr M Dhanam
Head of Physics Department


Dr M Lekshmanaswamy
PRINCIPAL

Kongunadu Arts and Science College

(Autonomous)

College of Excellence (UGC)

G.N.Mills, Coimbatore- 641029

Department of Physics Report of the Webinar

Career Opportunities for Physics Students

Kongunadu Arts and Science College (Autonomous)

College of Excellence (UGC)

GN Mills Post, Coimbatore -641029

Tamilnadu, India



Department of Physics

Organises a National Level Webinar on

"Career Opportunities for Physics Students"



Chief Patron: Dr. M. Aruchami, President

Chairman : Dr. M. Lekshmanaswamy, Principal

Patron : Dr. C. A. Vasuki, Secretary and Director

Convener : Dr. M. Dhanam, Associate Professor and
HoD of Physics

Do you have the following Questions in Mind ?

Organising Secretary : Dr. M. Seetha,
Assistant Professor of Physics

- ❖ *How to join in DRDO as a researcher?*
- ❖ *Can a B.Sc. Physics student get a job where mostly engineers are recruited?*
- ❖ *What are the jobs not familiar to Physics students?*
- ❖ *Are junior research fellowships available for undergraduate students?*
- ❖ *What are the universities in India that offers research in the field of Cosmology?*
- ❖ *What are the requirements to join as a research scholar or scientist in Atomic research centres?*

Join With us on 30.08.2021 by 10 am

Free Registration (only limited Participants, register prior to avail the opportunity)

E-Certificate will be provided

Link for registration: <https://forms.gle/YDGePqzgrB7JKMU6>



Resource Person: Mr. J. Balaji

Superintending Geophysicist (Surface)

Oil and Natural Gas Corporation (ONGC) LTD
Chennai

Report of the webinar

A National level webinar was organized by the Department of Physics, Kongunadu Arts and Science College on “Career Opportunities for Physics Students” on 30.08.2021 at 10 AM through Google meet platform.

Mr. J. Balaji, Superintending Geophysicist (Surface), Oil and Natural Gas Corporation (**ONGC**) LTD Chennai delivered a lecture on “Career Opportunities for Physics Students”.

Aadish of IInd M.Sc, Department of Physics, Kongunadu Arts and Science College, Coimbatore introduced the speaker and welcomed the participants.

Participants from various districts of Tamil Nadu participated in the webinar. 117 participants from various institutions like Bishop Heber college, Trichy, Sri Sarada College for Women, Salem, Gobi arts and science college, Gobi, Vellalar college for women, thindal, Kongu Arts and science college, Erode, Thiagarajar College, Madurai, KGiSL institute of technology, Coimbatore, PSGR Krishnammal college for Women, Coimbatore, Nirmala College For Women Coimbatore, Government Arts College, Coimbatore, have participated and acquired Knowledge through the webinar.

The basic awareness about the competitive examinations like NET, SLET, GATE, JEST in the physical science stream for Ph.D and lectureship were given to the students. The career opportunities available in Oil and Natural Gas Corporation (**ONGC**) LTD and other organizations were also explained. The presentation lasted for one hour and the speaker clarified the doubts of participants at the end of the session.

Vasanthan of III B.Sc, Department of Physics, Kongunadu Arts and Science College, Coimbatore delivered the vote of thanks. The feedback link was

sent to the participants in the chat box and the E- certificates were issued to the participants.

e-Certificate Template

	Kongunadu Arts and Science College (Autonomous) College of Excellence (UGC) Re - accredited by NAAC with 'A+' Grade (4 th cycle) Coimbatore - 641029	
National Level Webinar Organised by the Department of Physics		
e- Certificate of Participation This is to certify that {{full name}},{{other identifier}} from {{other identifier2}} has participated in the National Level Webinar on “ Career Opportunities for Physics Students ” on 30.08.2021 through Google Meet platform.		
 Dr.M.Dhanam Convenor	 Dr.M.Lekshmanaswamy Principal	 Dr.C.A. Vasuki Secretary

e-Certificate of Participation

	Kongunadu Arts and Science College (Autonomous) College of Excellence (UGC) Re - accredited by NAAC with 'A+' Grade (4 th cycle) Coimbatore - 641029	
National Level Webinar Organised by the Department of Physics		
e- Certificate of Participation This is to certify that S.Sindhuja,Student from Thiagarajar college of arts and science,Madurai. has participated in the National Level Webinar on “ Career Opportunities for Physics Students ” on 30.08.2021 through Google Meet platform.		
 Dr.M.Dhanam Convenor	 Dr.M.Lekshmanaswamy Principal	 Dr.C.A. Vasuki Secretary

Made for free with Certify'em

Invitation- National webinar on Science and Technology for Sustainable Development with women empowerment



National Webinar on Science and Technology for Sustainable Development with women empowerment
Jointly organized by
Indian Science Congress Association, Coimbatore Chapter
&
Department of Physics
KONGUNADU ARTS AND SCIENCE COLLEGE
College of Excellence (UGC) | Re-accredited by NAAC with 'A+' Grade (4th Cycle)
G.N.Mills Post, Coimbatore - 641029, Tamil Nadu, INDIA.





Date : 29.10.2021

Time : 10.00 AM

Presidential Address	: Dr. C. A.VASUKI Convener, ISCA, Coimbatore Chapter Secretary & Director Kongunadu Arts and Science College Coimbatore	
Inaugural Address	: Dr. Vijay Laxmi Saxena General President Indian Science Congress Association Kolkata	
Keynote Address	: Dr. Anil Kumar Mishra Director Institute of Nuclear Medicine and Allied Sciences New Delhi.	
Technical Session-I Science, Technology and Innovation for Sustainable development: A focus on Energy	: Dr. B. Vidhya, Assistant Professor, Department of Applied Physics, Karunya Institute of Technology and Sciences, Coimbatore	
Technical Session-II Role of women scientists in sustainable development	: Dr. K. Uthayarani, Professor & Head, Department of Physics Sri Ramakrishna College of Engineering, Coimbatore.	



To join the meeting, click this link:
<https://meet.google.com/aqk-nitr-bva>



**Report of National webinar on Science and Technology for
Sustainable Development with women empowerment**

Organized by

Indian Science Congress Association, Coimbatore Chapter

Department of Physics

Kongunadu Arts and Science College, Coimbatore-641029

Date: 29.10.2021

Number of Participants: 150

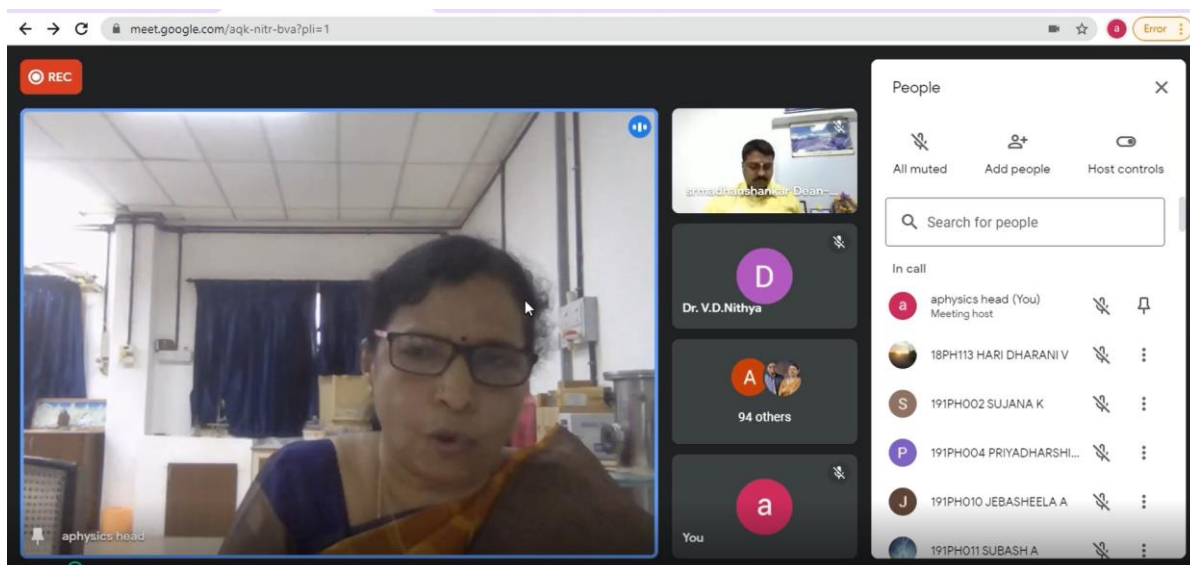
National webinar on, 'Science and Technology for Sustainable Development with women empowerment' was jointly organized by Indian Science Congress Association, Coimbatore Chapter & Department of Physics, Kongunadu Arts and Science College, Coimbatore. Dr.M.Dhanam, Associate Professor and Head, Department of Physics welcomed the dignitaries and participants and the highlighted the significance of the webinar. Dr.S.R.Madhan Shankar, Dean-Academics, gave the special message to the participants.

Dr.Vijay Laxmi Saxena, General President, Indian Science Congress Association, Kolkata delivered the inaugural address. She highlighted the women's contribution in science and technology. The important role played by the women scientists in the advancement of modern, strong and vibrant India were emphasized. She motivated the students to take pride in the sense of logic, compassion and hard work.

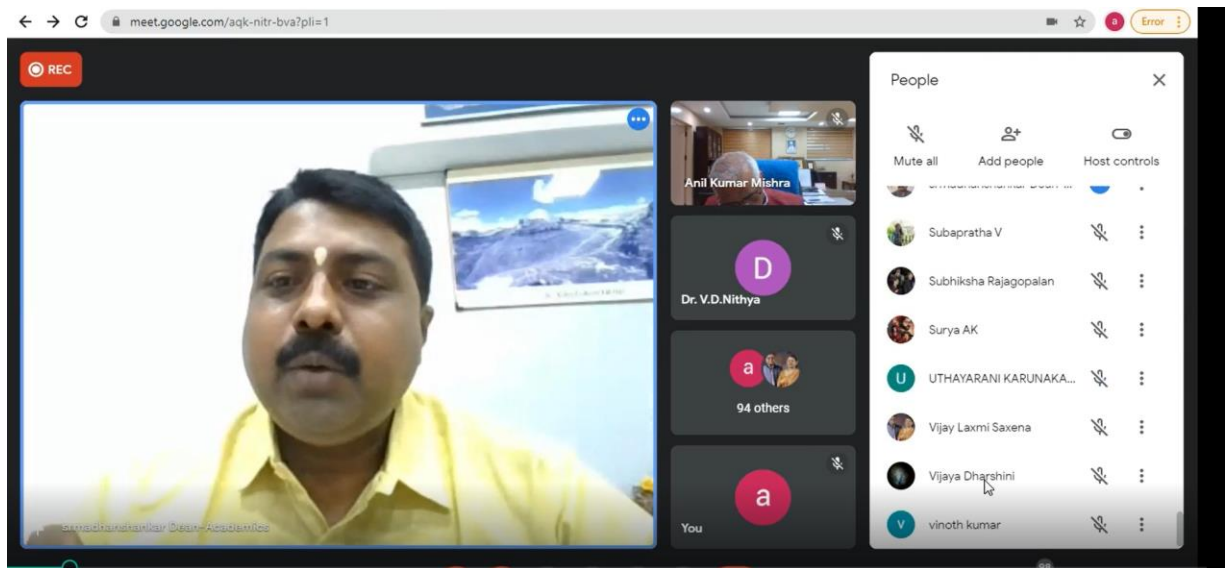
Dr.Anil Kumar Mishra, Director, Institute of Nuclear Medicine and Allied Sciences, New Delhi delivered the Keynote Address. He discussed the empowering women in nuclear science with evidence. He expressed his proudness by pointing out that 98% nuclear medicine is being headed, governed and directed by women in India. He discussed about radioisotope production and innovative imaging isotopes in the country. The vote of thanks was proposed by Dr.S.Paulsamy, Treasurer, Indian Science Congress Association,

Coimbatore Chapter and Dean- Research and Development, Kongunadu Arts and Science College, Coimbatore.

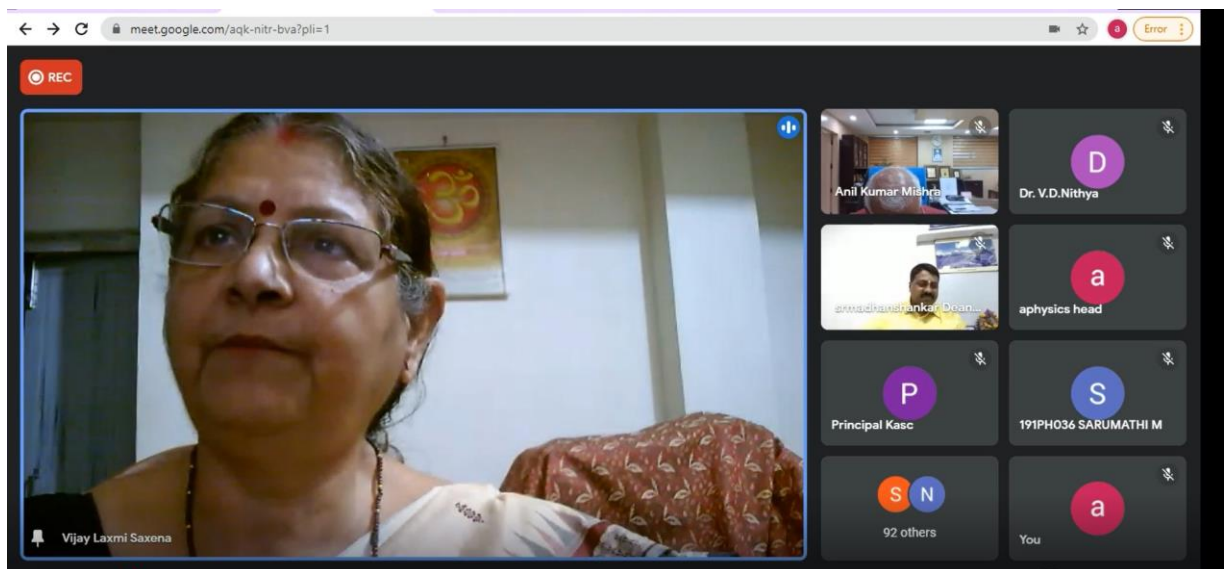
With a short introduction of the speakers, Technical session-I was handed over to Dr.B.Vidhya, Assistant Professor, Karunya Institute of Technology and Sciences, Coimbatore. The resource person gave an elaborative explanation on ‘Science, Technology and innovation for sustainable development; a focus on energy’. She discussed about sustainable development goals, energy and access to electricity, renewable energy with a special emphasis on solar energy. Technical session-II was handled by Dr.K.Uthayarani, Professor & Head, Department of Physics, Sri Ramakrishna Engineering College, Coimbatore. The ‘Role of women scientists in sustainable development’ was elaborated in her presentation. A detailed explanation of concept and state of sustainability, approaches to achieve sustainable development goals and sustainable strategies were discussed. Both the technical sessions were informative and 150 participants were benefited. The webinar was concluded by Dr.A.Anu Kaliani, Associate Professor, Department of Physics.



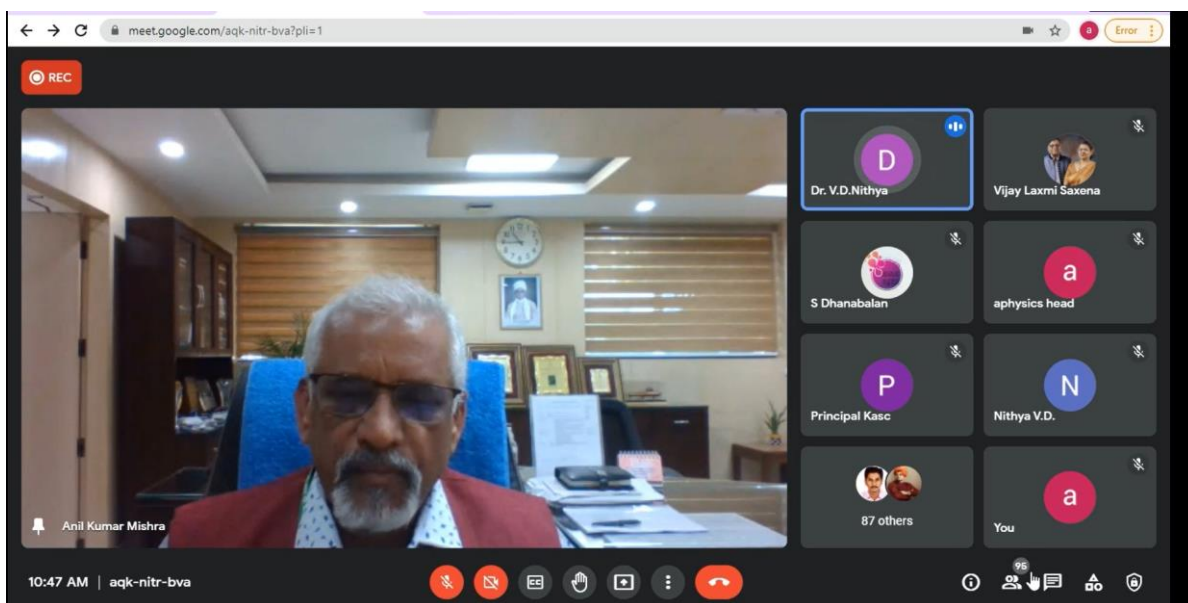
Welcome address by Dr. M Dhanam, Associate Professor & Head, Department of Physics.



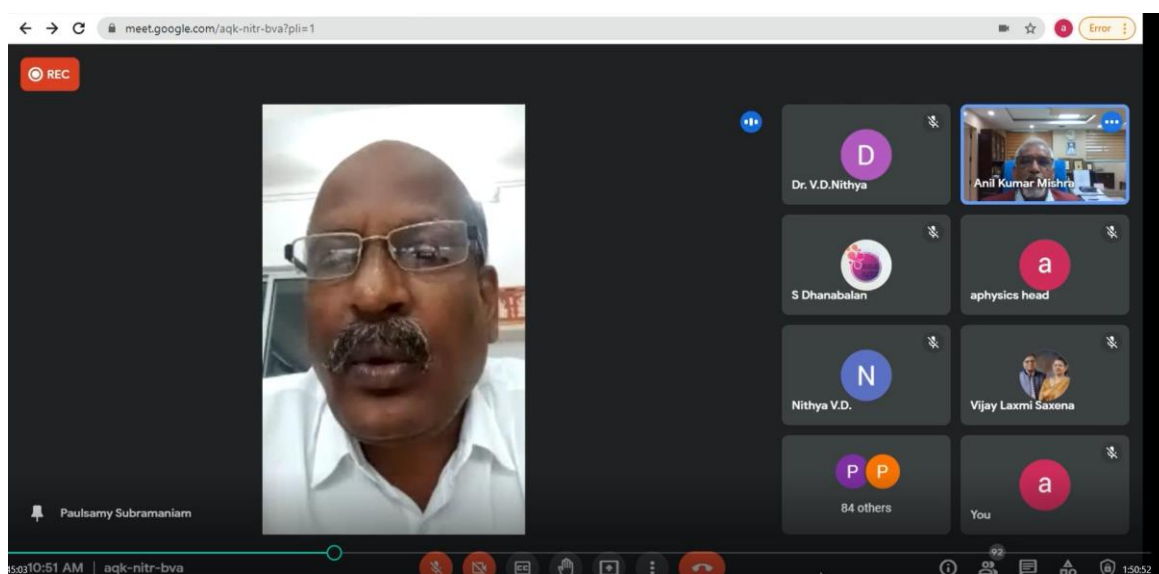
Special message by Dr.S.R.Madhan Shankar, Dean, Academics, Kongunadu Arts and Science College.



Inaugural address by Dr.Vijay Laxmi Saxena, General President, ISCA, Kolkata.



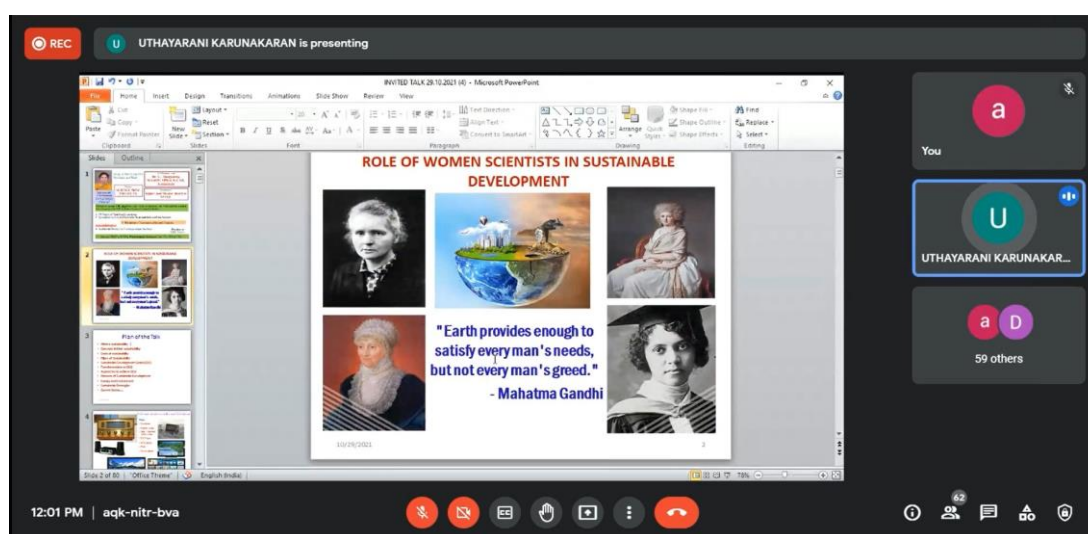
Keynote address by Dr. Anil Kumar Mishra, Director, Institute of Nuclear Medicine and Allied Sciences, New Delhi.



Vote of thanks by Dr.S.Paulsamy, Treasurer, ISCA, Coimbatore Chapter and Dean,R&D, Kongunadu Arts and Science College, Coimbatore.



Technical Session I: Dr.B.Vidhya, Assistant Professor, Department of Applied Physics, Karunya Institute of Technology and Sciences, Coimbatore.



Technical Session II: Dr. K. Uthayarani. Professor & Head, Department of Physics, Sri Ramakrishna Engineering College, Coimbatore.

3. Certificate to resource person of Technical session-I



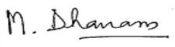
KONGUNADU ARTS AND SCIENCE COLLEGE
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G.N.Mills (Post), Coimbatore – 641029
Tamil Nadu, India



National Webinar on Science and Technology for
Sustainable Development with Women Empowerment
Jointly organised by
**Indian Science Congress Association, Coimbatore Chapter &
Department of Physics**

CERTIFICATE OF APPRECIATION

This is to certify that **Dr. B. Vidhya**, Assistant Professor, Department of Applied Physics, Karunya Institute of Technology and Sciences, Coimbatore has **delivered an Invited talk** entitled **“Science, Technology and Innovation for Sustainable development: A Focus on Energy”** in the National Webinar on Science and Technology for Sustainable Development with Women Empowerment, jointly Organized by Indian Science Congress Association, Coimbatore Chapter and the Department of Physics, Kongunadu Arts and Science College (Autonomous), Coimbatore, Tamil Nadu, India on 29. 10. 2021 .

 Dr.M.Dhanam HOD, Department of Physics	 Dr.M.Lekshmanaswamy Principal	 Dr.C.A.Vasuki Convener, ISCA, Coimbatore Chapter
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4. Certificate to resource person of Technical session-II



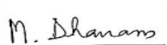
KONGUNADU ARTS AND SCIENCE COLLEGE
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Tamil Nadu, India



National Webinar on Science and Technology for
Sustainable Development with Women Empowerment
Jointly organised by
**Indian Science Congress Association, Coimbatore Chapter &
Department of Physics**

CERTIFICATE OF APPRECIATION

This is to certify that **Dr. K. Uthayarani**, Professor & Head, Department of Physics, Sri Ramakrishna College of Engineering, Coimbatore has *delivered an Invited talk* entitled **“Role of Women Scientists in Sustainable Development”** in the National Webinar on Science and Technology for Sustainable Development with Women Empowerment, jointly Organized by Indian Science Congress Association, Coimbatore Chapter and the Department of Physics, Kongunadu Arts and Science College (Autonomous), Coimbatore, Tamil Nadu, India on 29. 10. 2021 .

 Dr.M.Dhanam HOD, Department of Physics	 Dr.M.Lekshmanaswamy Principal	 Dr.C.A.Vasuki Convener, ISCA, Coimbatore Chapter
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**Kongunadu Arts and Science College (Autonomous),
Coimbatore-641029**

Department of Physics

**Report of the National webinar on
“UNDERSTANDING QUANTUM MECHANICS THROUGH EXPERIMENTS”**

No. of participants: 180

National webinar organized by Physics Association on “**UNDERSTANDING QUANTUM MECHANICS THROUGH EXPERIMENTS**” was conducted on 30.11.2021 by online mode using Google Meet link <https://meet.google.com/aqk-nitr-bva>. B.Sc. and M.Sc. students, Research scholars and Faculty members of Department of Physics attended the webinar.

The programme started by gracing the occasion with spiritual vibes, followed by the welcome address delivered by Dr.M.Dhanam, Associate Professor and Head, Department of Physics and she introduced the speaker to the participants.

The technical session was handled by Dr.M.Senthivelan, Professor and Head, Department of Nonlinear Dynamics, Bharathidasan University, Trichy. He delivered a talk on “Understanding Quantum Mechanics through Stern – Gerlach experiment”. He pointed out how the spin quantization occurs in a material and correlated the relation connecting Young’s Double slit experiment and spin quantization.

The webinar ended with a vote of thanks by Dr.A.Anu Kaliani, Associate Professor, Department of Physics, Kongunadu Arts and Science College, Coimbatore.



Kongunadu Arts and Science College (Autonomous)

College of Excellence – Status awarded by UGC,
Re-accredited by NAAC with 'A+' Grade (4th Cycle)
NIRF Rank: 36 (All Over India), ARIIA 2020 Rank: 'Band A' (06-25) category
Coimbatore, India



Physics Association
Organizes

National webinar on "Understanding Quantum Mechanics Through Experiments"

CHIEF PATRONS

Dr.M. ARUCHAMI
President

Dr.C.A. VASUKI
Secretary and Director

Patron
Dr. M. LEKESHMNASWAMY
Principal

Convener
Dr.M.Dhanam
Associate Professor and Head
Department of Physics

Resource Person



Dr.Murugaian Senthilvelan
Professor and Head
Department of Nonlinear Dynamics
Bharathidasan University

30th November, 2021

10:30 AM - 12:00 Noon

Google meet link

<https://meet.google.com/aqk-nitr-bva>

Invitation of the National Webinar on
“UNDERSTANDING QUANTUM MECHANICS THROUGH EXPERIMENTS”

PROGRAM SCHEDULE

Inauguration

Date: 30.11.2021

Time: 10.30 AM-12.00 Noon

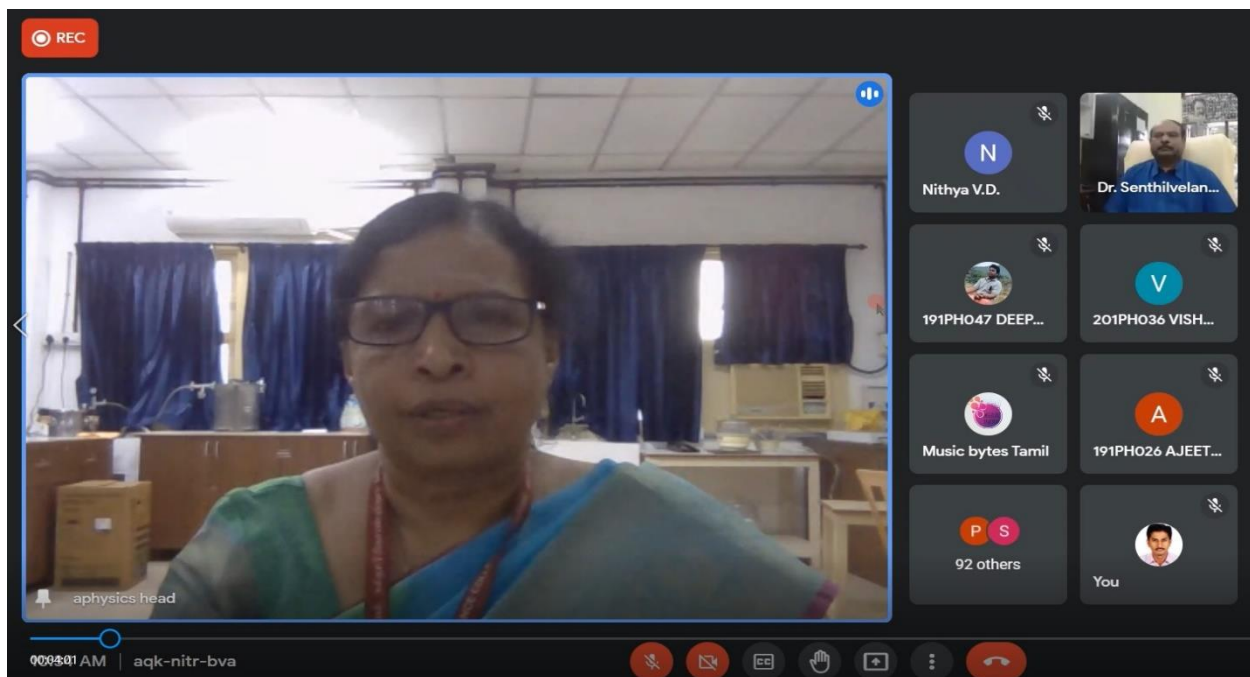
Prayer Song	:	Mr. S. Deepak, III B.Sc Physics
Welcome Address	:	Dr. M. Dhanam, Associate Professor & Head, Department of Physics, Kongunadu Arts and Science College, Coimbatore.
Presidential Address	:	Dr. M. Lekeshmanaswamy, Principal, Kongunadu Arts and Science College, Coimbatore.
Technical Session-I	:	Dr. Murugaian Senthilvelan, Professor and Head, Department of Nonlinear Dynamics, Bharathidasan University, Tiruchirappalli. Topic: Understanding Quantum Mechanics Through Experiments
Vote of Thanks	:	Dr. Dr. A. Anu Kaliani Associate Professor, Department of Physics, Kongunadu Arts and Science College, Coimbatore.



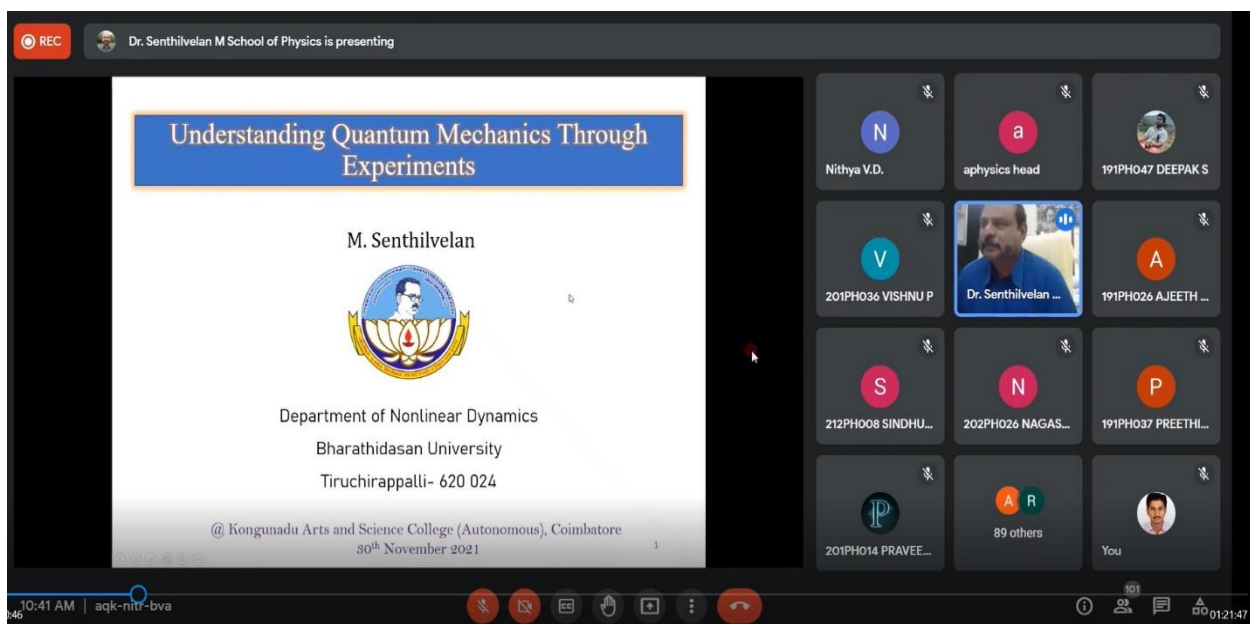
To join the meeting, click this link:

<https://meet.google.com/aqk-nitr-bva>

**Programme Schedule of the National Webinar on
“UNDERSTANDING QUANTUM MECHANICS THROUGH EXPERIMENTS”**



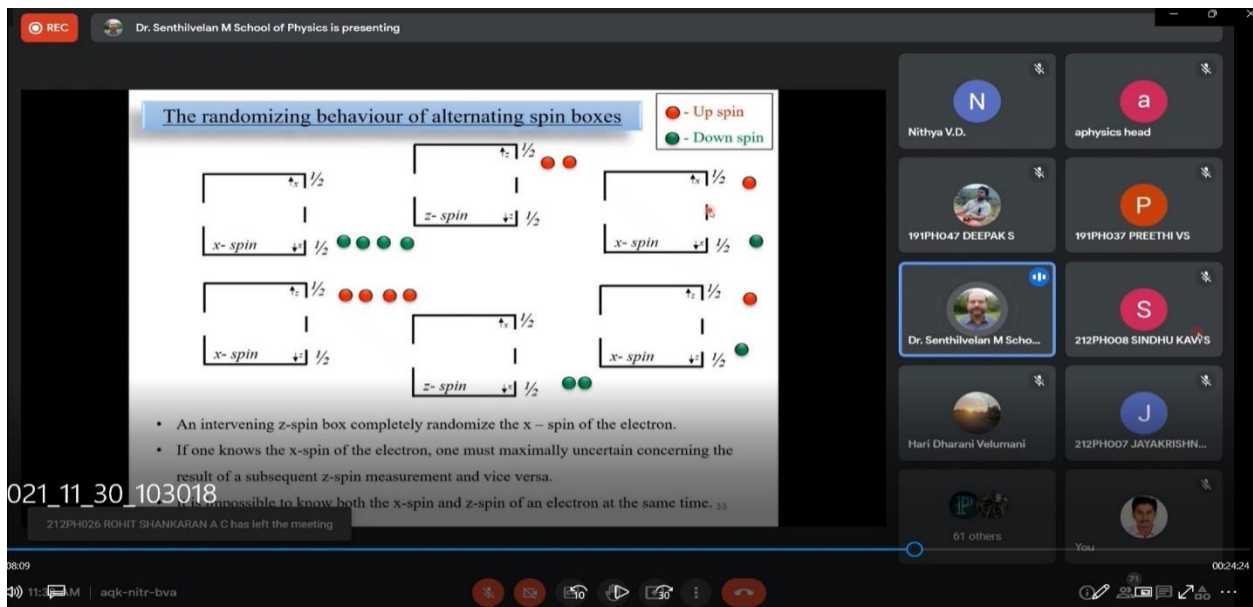
**Welcome address by Dr.M.Dhanam, Associate Professor and Head,
Department of Physics, KASC,Coimbatore**



**Technical Session by Dr. M.Senthilvelan, Professor and Head,
Department of Nonlinear Dynamics, Bharathidasan University**



**Technical Session by Dr. M.Senthilvelan, Professor and Head,
Department of Nonlinear Dynamics, Bharathidasan University**



**Technical Session by Dr.M.Senthilvelan, Professor and Head,
Department of Nonlinear Dynamics, Bharathidasan University.**

	Kongunadu Arts and Science College (Autonomous), Coimbatore – 29. KASC - Institution Innovation Council (IIC) & Department of Commerce (PG) and Commerce with Professional Accounting	 INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)
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National level Webinar on “ENTREPRENEURIAL PATHFINDER”

-Report-

KASC - Institution Innovation Council and Department of Commerce (PG) and Commerce with Professional Accounting jointly organized National Webinar on ‘Entrepreneurial Pathfinder’ from 16th November 2021 to 20th November 2021. The main objective of the webinar is to prepare the students to choose over their own entrepreneurial path and also to encourage entrepreneurial mindset of students. Five session was arranged through this webinar covering: (i) Entrepreneurship – An Overview; (ii) Entrepreneurial Opportunities; (iii) Dynamics and traits of Entrepreneurship; (iv) From Passion to Business: Passionate Entrepreneurship; (v) Governmental Schemes for Entrepreneurs.

On **Day 1 - 16.11.2021**, **Ms. Shanmathi Karthik**, Founder – Wittywise, was the resource person. She began the session by a question to the students – ‘Are Entrepreneurs born or do they become Entrepreneurs by training? She quoted the success entrepreneurs such as Steve Jobs and Bill Gates, who were not born entrepreneurs, trained to be entrepreneurs (‘born with it!’.). She figured the necessary qualities needed – self-confidence, perseverance, and curiosity and ability to accept feedback (positive and negative) from others to become successful entrepreneurs. ‘Entrepreneurs always search for change, respond to change and seize on the change as an opportunity for their survival and growth’ she added.

Dr. M. Revathi Bala, Associate Professor and Head, Department of Commerce (PG) and Commerce with Professional Accounting, welcomed the gathering. **Dr. B. Divya Priya**, Program Convener and Associate Professor of Commerce introduced the resource person. **Dr. M. Lekeshmanaswamy**, Principal, delivered presidential address. **Dr. T. Jayakumar**, Dean – School of Commerce and Management Studies, introduced the theme of the webinar. **Dr. S. Rajam**, Associate Professor, gave the vote of thanks.

On **Day 2 – 17.11.2021**, **Mr. Naveen Manickam**, CEO, Krishna Advertisements, Coimbatore, was the resource person. He highlighted various opportunities available in various sectors, manufacturing, transportation, food industry, hotel and catering services, hospitality, education, tourism, agriculture and other allied sector. to start-up a business. He stressed over on great ideas which is present everywhere. Students, as a budding entrepreneur should have the right mindset and skillset to analyse the trend in the business environment. **Dr. M. Revathi Bala**, Associate Professor and Head, Department of Commerce (PG) and Commerce with Professional Accounting, welcomed and introduced the resource person. **Dr. K. S. Mohanavignesh**, Associate Professor, gave the vote of thanks.

On **Day 3 – 18.11.2021**, Ms. Priya Thahir, Founder – Priya'rity, Coimbatore, was the chief guest and she spoke on dynamics and traits of entrepreneurship. She emphasized the need for vision, dream and passion for achieving the entrepreneurial goals (SMART goals) and strong will-power to stand firm in the business by quoting few examples that started from small and grow it big. **Dr. C. Goldbell Rachel**, Assistant Professor welcomed and introduced the resource person. **Mrs. P. Geetha**, Assistant Professor, gave the vote of thanks.

On **Day 4 – 19.11.2021**, **Ms. Deepa SriGowtham**, Founder – First Smile Photography, Erode, narrated how her passion towards photography turned into a successful venture. She highlighted importance of developing a business plan consisting list of products and services, sales and marketing strategy, management team and financial plan. The most important aspect of business was to identify the right person with right skill for survival of any business; also, by developing the network will open the door for many more and new opportunities, she added. **Mr. K. Myilswamy**, Assistant Professor welcomed and introduced the resource person. **Dr. M. Usharani**, Assistant Professor, gave the vote of thanks.

On **Day 5 – 20.11.2021**, **Ms. M. Praveena**, Founder and CEO, Pratvi Natural Products, Coimbatore, spoke on the various schemes offered by the Government to promote entrepreneurship – MUDRA Scheme, Indian Aspiration Fund and Seed Fund. She emphasized on the financial assistance granted for newly set-up enterprise under Prime Minister's Employment Generation Programme (PMEGP) and the New Entrepreneur cum Enterprise Development Scheme (NEEDS). She gave tips to the emerging entrepreneur to overcome the hurdles in the business and also she cleared all the doubts and clarifications raised by the students towards entrepreneurship. **Dr. R. Murugesan**, Associate Professor, welcomed and introduced the resource person. **Mrs. M. Jeshi**, Assistant Professor, gave the vote of thanks.

Totally **89 (23 faculty members and 66 students) number** from Kongunadu Arts and Science College, Bannari Amman Institute of Technology, Sankara College of Science and Commerce, VET College of Arts and Science, VJSMS INSTITUTE OF PHARMACY FOR WOMEN, Vivekananda College, Tiruvedakam West, Madurai, Bharathiar University, Bharathidasn College of Arts and Science, Erode, Dr. Ambedkar Govt. Arts College Vyasarpadi Chennai, J.N.N ARTS AND SCIENCE WOMEN'S COLLEGE, Tiruvallur, Kalasalingham

Academy of Research and Education, Pioneer College of Arts and Science, Rathinam College of Arts and Science, Coimbatore, actively participated and benefitted out of this webinar. E-certificates were distributed for the active participants.

Participant particulars:

Participants Details	Nos.
Registered	576
Day 1 – Present (16.11.2021 Time: 11.15 am to 12.15 pm)	98
Day 2 – Present (17.11.2021 Time: 12.30 pm to 1.30 pm)	89
Day 3 – Present (18.11.2021 Time: 12.30 pm to 1.30 pm)	89
Day 4 – Present (19.11.2021 Time: 12.30 pm to 1.30 pm)	89
Day 5 – Present (20.11.2021 Time: 12.30 pm to 1.30 pm)	89

Google Meet Link: <https://meet.google.com/nof-ejpp-mre>

YouTube Link: <https://www.youtube.com/watch?v=qsatGaTqbhE>

<https://www.youtube.com/watch?v=5MkZIVjxuxk&t=2634s>

<https://www.youtube.com/watch?v=bLcqgsS775g>

INVITATION

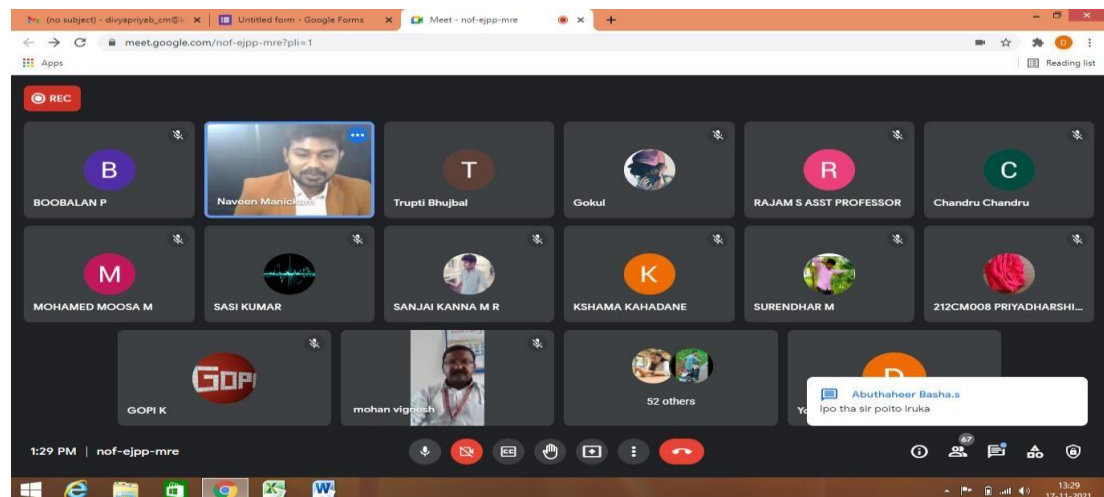
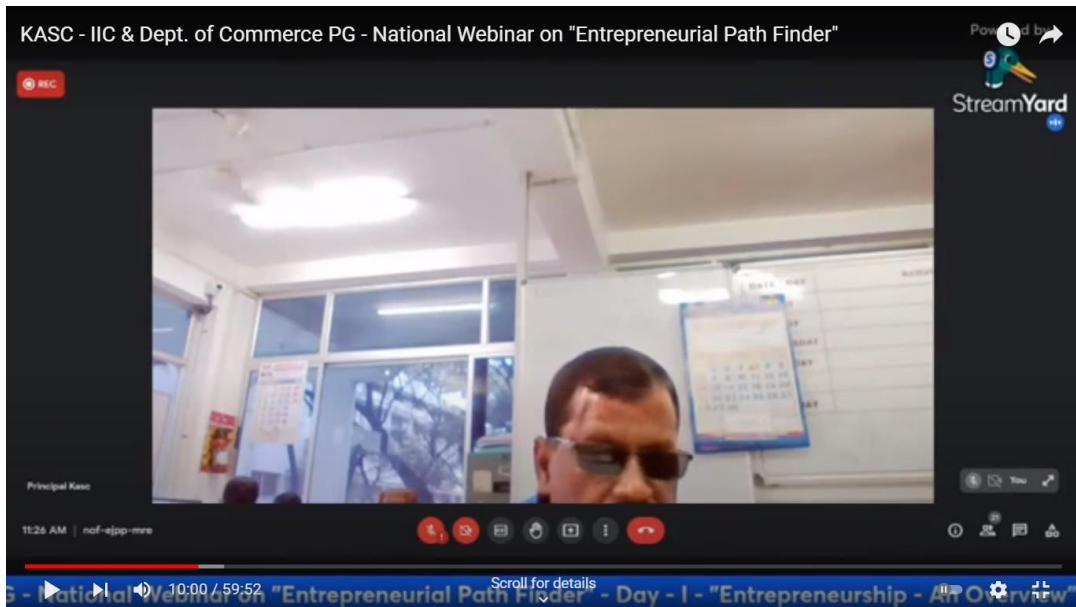
		KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS), Re-accredited by NAAC with 'A+' Grade (4 th Cycle), College of Excellence (UGC), G. N. Mills Post, Coimbatore – 29.			
CHIEF PATRON Dr. M. Aruchami President		PATRON Dr. C. A. Vasuki Secretary and Director		KASC's INSTITUTION INNOVATION COUNCIL & DEPARTMENT OF COMMERCE (PG)	
KASC's INSTITUTION INNOVATION COUNCIL		Jointly Organises and Cordially invite you for		ADVISORY MEMBERS Dr. T. Jayakumar, Dean, School of Commerce and Management Studies	
CHAIRMAN Dr. M. Lekshmanaswamy Principal		PRESIDENT Dr. S. R. Madhan Shankar Dean - Academics		Dr. M. Revathi Bala Associate Professor and Head, Department of Commerce (PG)	
CONVENER Dr. G. Dhandapani, Assistant Professor, Department of Botany		National Webinar On 'ENTREPRENEURIAL PATHFINDER' November 16 to 20, 2021		PROGRAM CONVENER Dr. B. Divya Priya Innovation Ambassador – IIC, Associate Professor of Commerce	
				Dr. S. Rajam, Associate Professor of Commerce	
Day 1: (16.11.2021) Entrepreneurship – An Overview		Day 2: (17.11.2021) Entrepreneurial Opportunities		Day 3: (18.11.2021) Dynamics and Traits of Entrepreneurship	
Day 4: (19.11.2021) From Passion to Business: Passionate Entrepreneurship		Day 5: (20.11.2021) Governmental Schemes for Entrepreneurs			
					
Dr. E. Bhaskaran, Joint Director, Entrepreneurial Development and Innovation Institute (EDII), TN		Ms. Shanmathy Karthik, Founder and CVO, Witty Wise, Coimbatore.		Mr. Naveen Manickam, CEO, Krishna Advertisement, Coimbatore.	
					
Ms. Priya Thahir, Founder, Priya'rity, Coimbatore.		Ms. Deepa SriGowthan, Founder, First Smile Photography, Erode.		Ms. M. Praveena, Founder and CEO, Prati Natural Products, Coimbatore.	
Time: 11.15 am to 12.30 pm		Time: 12.30 pm to 1.30 pm.			
For Registration: https://forms.gle/NQVeUsaLTTrvaWri6 Google Meet Link: https://meet.google.com/nof-ejpp-mre E-CERTIFICATE will be provided					

PROGRAM SCHEDULE

PROGRAM SCHEDULE	
SESSION MODERATOR: Dr. C. Goldbell Rachel, Assistant Professor	
Day 1: (16.11.2021)	
Topic: Entrepreneurship – An Overview	
Prayer Song	
Welcome Address	Dr. M. Revathi Bala, Associate Professor and Head
Introduction to the theme	Dr. T. Jayakumar, Dean - School of Commerce and Management Studies
Presidential Address	Dr. M. Lekshmanaswamy, Principal
Felicitation Address	Dr. S. R. Madhan Shankar, Dean – Academics
Introduction to Chief Guest	Dr. B. Divya Priya, Associate Professor
Special Address	Dr. E. Bhaskaran, Joint Director, Entrepreneurial Development and Innovation Institute (EDII), TN
Vote of Thanks	Dr. S. Rajam, Associate Professor
SESSION MODERATOR: Dr. S. Rajam, Associate Professor	
Day 2: (17.11.2021)	
Topic: Entrepreneurial Opportunities	
Welcome Address & Introduction to Chief Guest	Dr. M. Revathi Bala Associate Professor & Head, Department of Commerce (PG)
Chief Guest Address	Ms. Ananthi Thangaraj, Founder, Paleo Artisan, Coimbatore.
Vote of Thanks	Dr. K. S. Mohanavignesh, Assistant Profess of Commerce

SESSION MODERATOR – Dr. M. Usharani, Associate Professor	
Day 3: (18.11.2021)	
Topic: Dynamics and Traits of Entrepreneurship	
Welcome Address and Introduction to Chief Guest	Dr. C. Goldbell Rachel, Assistant Professor
Chief Guest Address	Ms. Priya Thahir, Founder, Priya'rity, Coimbatore.
Vote of Thanks	Mrs. P. Geetha, Assistant Professor
SESSION MODERATOR: Mrs. P. Geetha, Assistant Professor	
Day 4: (19.11.2021)	
Topic: From Passion to Business: Passionate Entrepreneurship	
Welcome Address & Introduction to Chief Guest	Mr. K. Myilswamy, Assistant Professor
Chief Guest Address	Ms. Deepa SriGowthan Founder, First Smile Photography, Erode
Vote of Thanks	Dr. M. Usharani, Assistant Professor
SESSION MODERATOR: Mr. K. Myilswamy, Assistant Professor	
Day 5: (20.11.2021)	
Topic: Governmental Schemes for Entrepreneurs	
Welcome Address & Introduction to Chief Guest	Dr. R. Murugesan, Associate Professor
Chief Guest Address	Ms. M. Praveena, Founder and CEO, Pratvi Natural Products, Coimbatore.
Vote of Thanks	Mrs. M. Jeshi, Assistant Professor

SOME SCREENSHOTS



National Webinar on 'Entrepreneurial Path Finder' - Day - III

Meet - nof-ejpp-mre

meet.google.com/nof-ejpp-mre?pli=1

REC Naveen Manickam is presenting

SIX FUNDAMENTALS EVERY ENTREPRENEUR NEEDS TO SUCCEED

- Set realistic expectations. ...
- Have a clear value proposition. ...
- Offer unique attributes. ...
- Find your niche in a sizable market. ...
- Design a sound business model. ...
- Pull in customers cost-effectively.

Participants: Naveen Manickam, 212CM015 KARPA..., Trupti Bhujbal, Gokul, Dr.C.Goldbellrac..., geetha..., Nagarsi Pounraj, 89 others, you.

Mindset / Skillset

Actions, Behaviors, Capabilities → Skillset → Outcomes, Results, Consequences

Beliefs, Mental Models, Personal Narrative → Mindset → Outcomes, Results, Consequences

In-call messages

Let everyone send messages

Messages can only be seen by people in the call and are deleted when the call ends.

Ses sir solving

Abuthaheer Basha.s 1:08 PM
Orit

Rudresh 15 1:08 PM
Yes sir

Abuthaheer Basha.s 1:13 PM
Orit sir

Send a message to everyone

1:18 PM | nof-ejpp-mre

KASC - IIC & Dept. of Commerce PG - National Webinar on "Entrepreneurial Path Finder" - Day - III

StreamYard

REC

PRIYA THAHIR

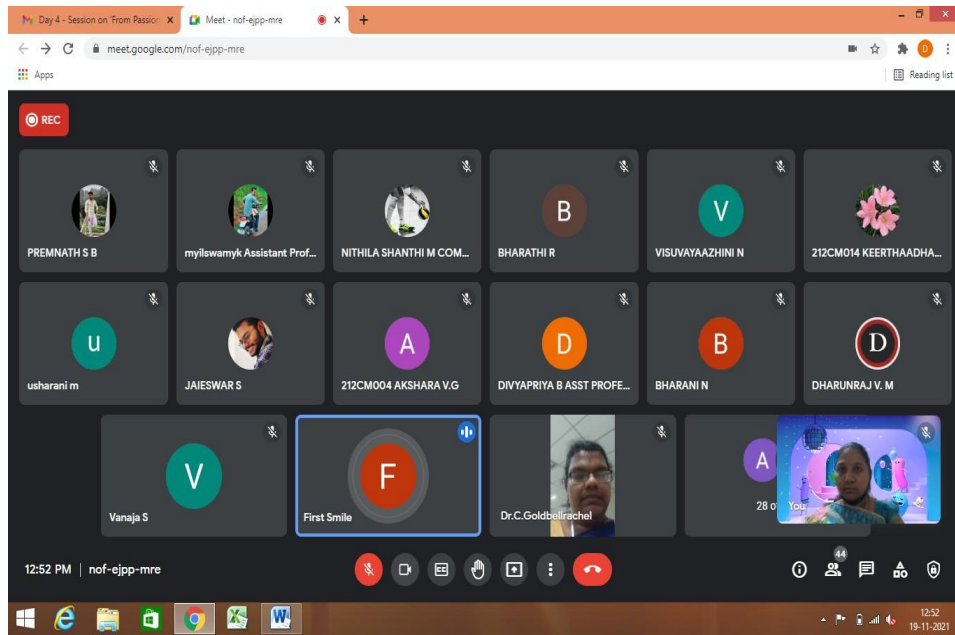
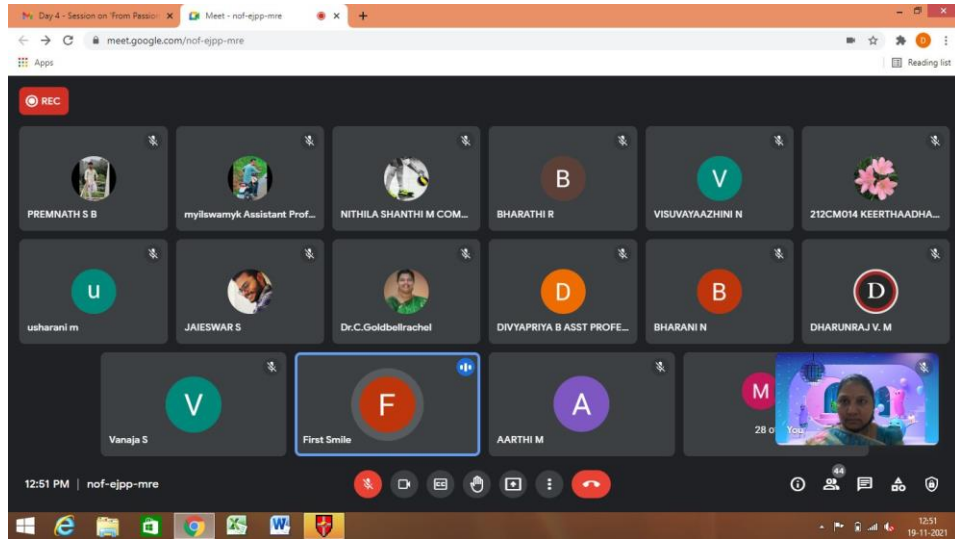
12:47 PM | nof-ejpp-mre

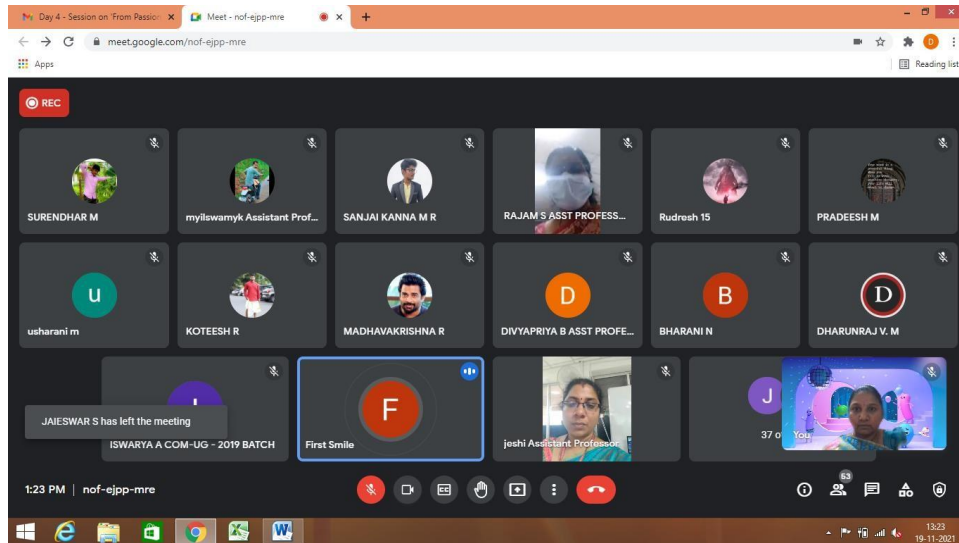
Pause (k)

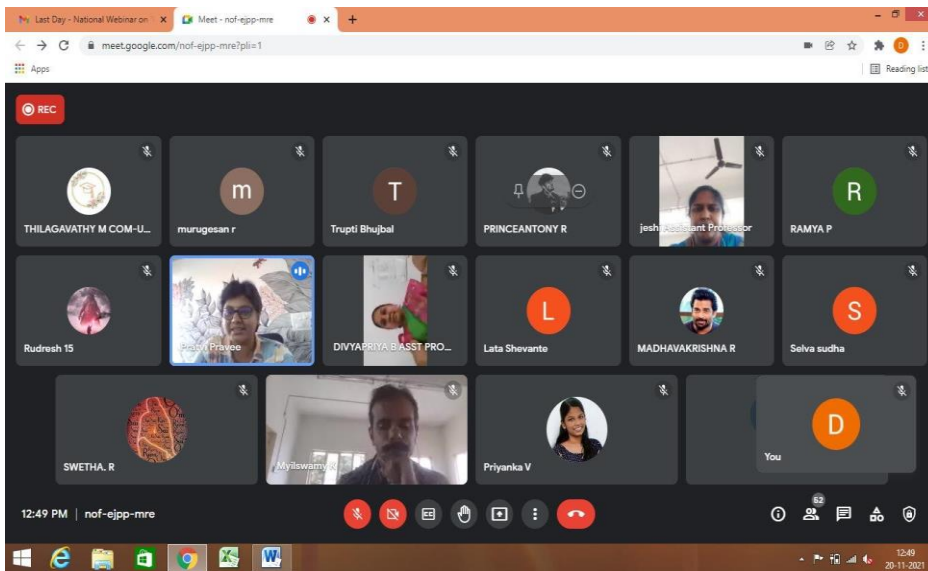
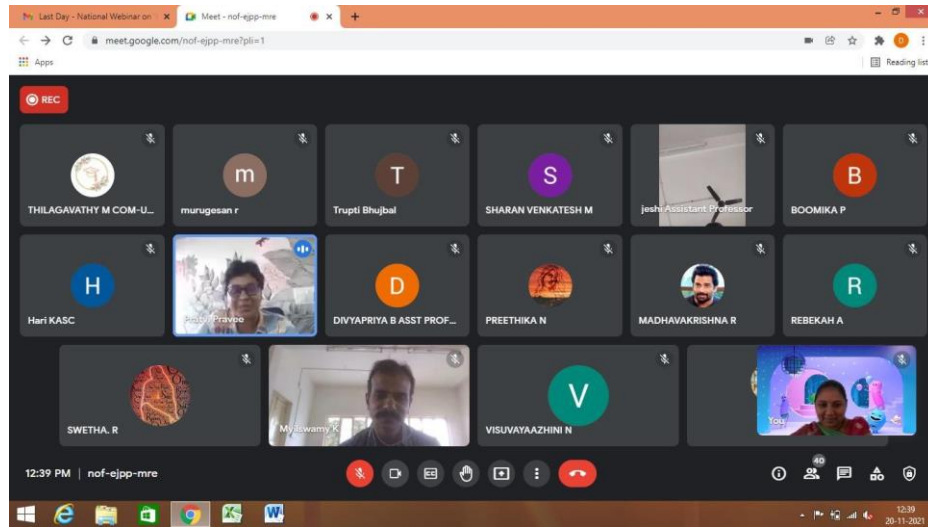
15:30 / 53:28

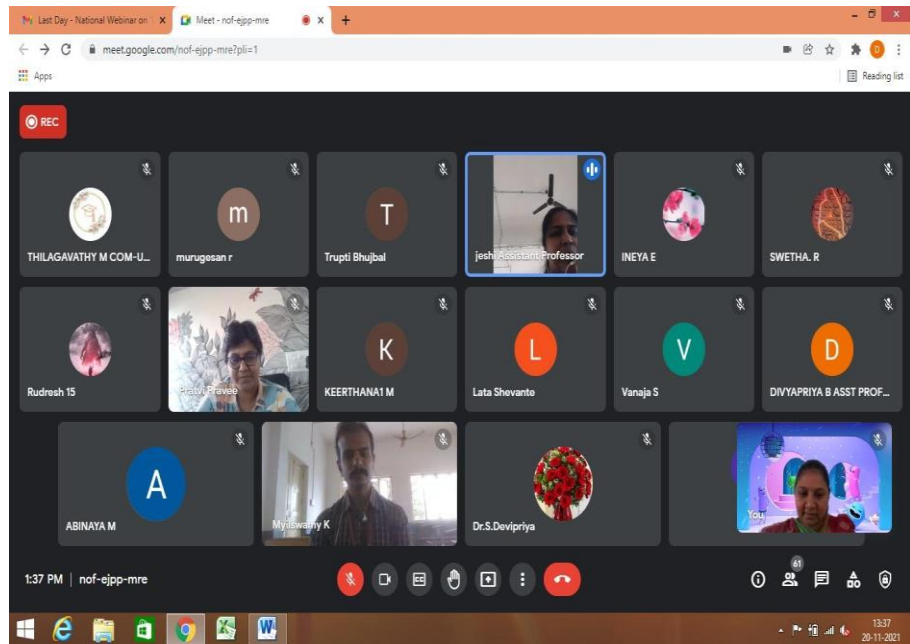
Scroll for details

nd - Day - III - Dynamics and Traits of Entrepreneurship









FORM RESPONSES:

feedback - Microsoft Excel

	A	B	C	D	E	F	G	H
	Timestamp	Email Address	Name	Type of Participant	Department	College Name	E-mail id:	Whatsapp Number
1	11-20-2021 13:40:33	mohan046@gmail.com	Dr.M.Mohanraj	Faculty	Department of Business	K.S.Rangasamy college	mohan046@gmail.com	8122801563 Option
2	11-20-2021 13:40:51	Sanjaichandrasekar14@gmail.com	SANJAI C	Student	MBA	Bannariamman Institute o	Sanjaichandrasekar14@g	6382921269
3	11-20-2021 13:40:56	gopikalam001@gmail.com	GOPI K	Student	MBA	Bannari amman institute	gopikalam001@gmail.com	8344739757 Option
4	11-20-2021 13:41:03	lataashevante@gmail.com	MS SHEVANTE TRUPTI B	Faculty	PHARMACY	VJSMS INSTITUTE OF PI	lataashevante@gmail.com	7385966025
5	11-20-2021 13:41:06	saranyassaranyas105@gmail.com	S.Saranya	Student	Commerce	Kongunadu arts and scier	saranyassaranyas105@g	9943820201
6	11-20-2021 13:41:11	iswaryasathya10@gmail.com	Iswarya. A	Student	Commerce	Kalasalingam Academy o	iswaryasathya10@gmail.c	6379228918 Option
7	11-20-2021 13:41:11	vikram.mb21@bitsathy.ac	Vikram D	Student	MBA	Bannari Amman institute	vikram.mb21@bitsathy.ac	9655592580
8	11-20-2021 13:41:15	nivethithakurunjivendan48	Nivethitha Meenakshi K	Student	School of Management	Si Bannari Amman Institute	nivethithakurunjivendan48	6382811783 Option
9	11-20-2021 13:41:21	rudreshvbcompa@sankar.v	RUDRESH	Student	Bcom pa 1st year	Sankara collage of scienc	devrud17@gmail.com	9787730030 Option
10	11-20-2021 13:41:24	preethikanbcompa21@sa	Preethika. N	Student	1st B.Com PA	Sankara College of Scien	preethikanbcompa21@sa	9381412697
11	11-20-2021 13:41:25	koteesh.mb21@bitsathy.i	Koteesh	Student	Mba	Bannari Amman institutio	koteesh.mb21@bitsathy.i	9095789995 Option
12	11-20-2021 13:41:26	manjusha.mb21@bitsathy.s	Manjusha s	Student	MBA 1st year	Bannariamman	manjusha.mb21@bitsathy	6383155322 Option
13	11-20-2021 13:41:31	pradeeshmbcompa21@sr	PRADEESH M	Student	BCOM PA	Sankara college of scienc	pradeeshmbcompa21@sr	9894828391
14	11-20-2021 13:41:35	sanjaikanna.mb21@bitsa	M.R.Sanjai kanna	Student	MBA	Bannari Amman Institute	sanjaikanna.mb21@bitsa	9842905555 Option
15	11-20-2021 13:41:37	devisashtika@gmail.com	Dr.S.Devipriya	Faculty	Commerce	Pioneer College of Arts	ar devisashtika@gmail.com	9865854009 Option
16	11-20-2021 13:41:41	jaieswar.mb21@bitsathy.i	JAIESWAR S	Student	MBA	BANNARI AMMAN INSTI	jaieswar.mb21@bitsathy.i	9629122196 Option
17	11-20-2021 13:41:41	sowndar.mb21@bitsathy.i	Sowndar R	Student	MBA	Bannari Amman institute	sowndar.mb21@bitsathy.i	9444411171 Option
18	11-20-2021 13:41:45	surendhar.mb21@bitsathy	Surendhar. M	Student	MBA	Bit	surendhar.mb21@bitsathy	9080954326 Option
19	11-20-2021 13:41:47	james.wins82@gmail.com	Mr JOE CECIL R	Student	MBA	BHARATHIAR UNIVERSI	james.wins82@gmail.com	8148145396 Option
20	11-20-2021 13:41:48	9919021029@klu.ac.in	M.Thilagavathy	Student	Commerce	Kalasalingam academy of	9919021029@klu.ac.in	8056379321
21	11-20-2021 13:41:57	truptibhujbal246@gmail.c	Trupti Pradip Bhujbal	Faculty	Pharmaceutics	VJSMS Institute of Pharm	truptibhujbal246@gmail.co	8975002769
22								

Form Responses 1

Ready

10-01-2022



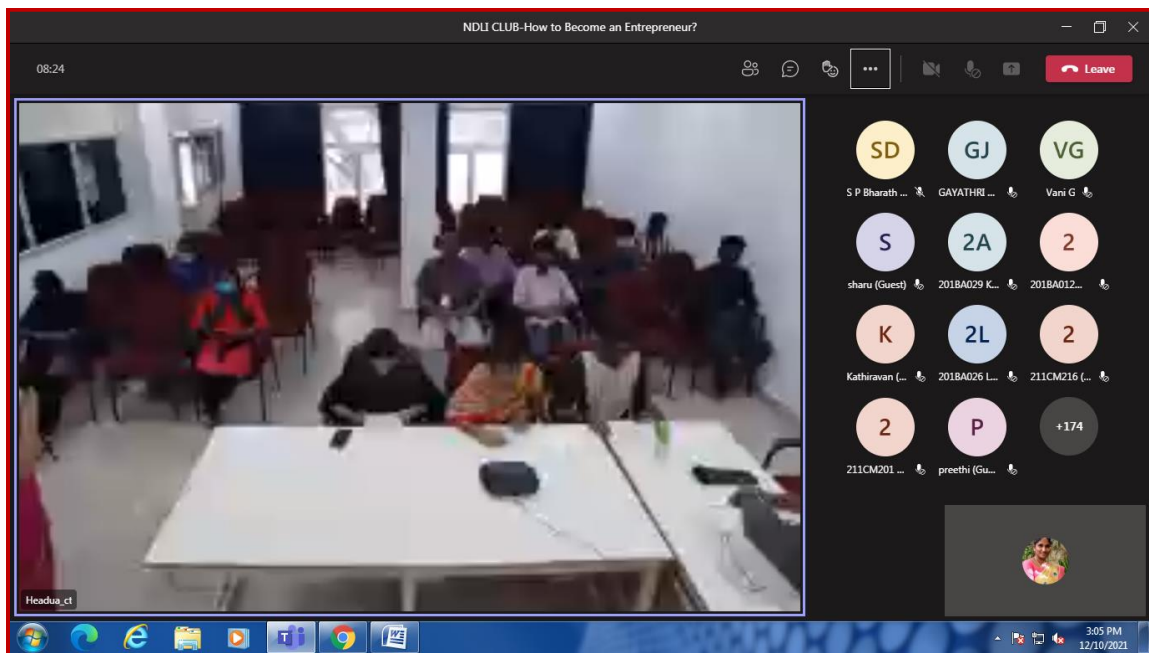
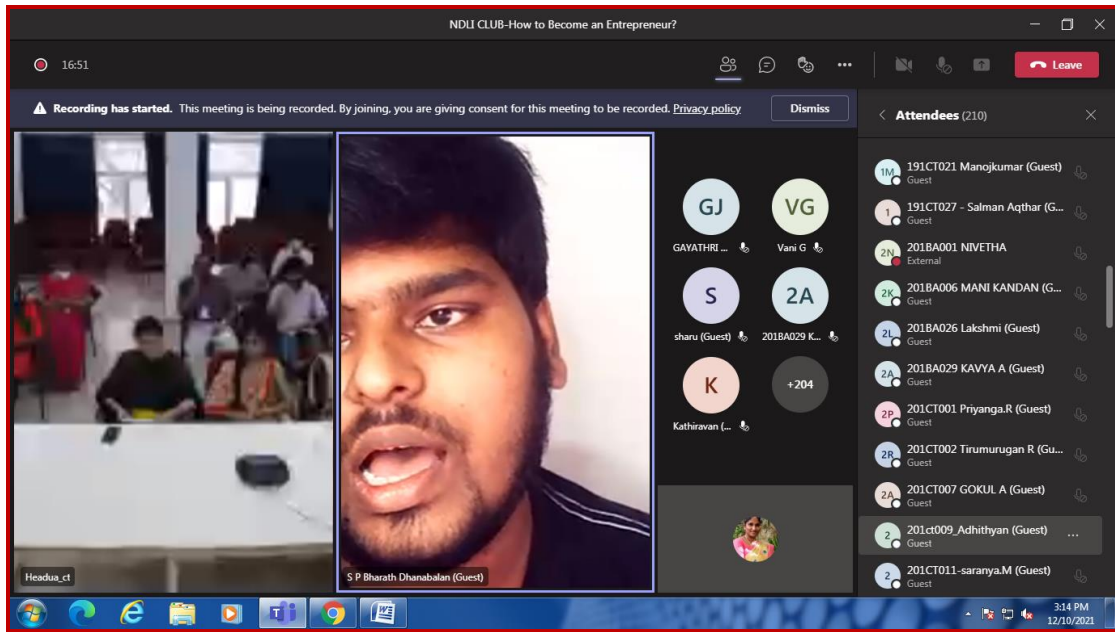
KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous)

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College of Excellence (UGC)
Coimbatore - 641 029



Webinar on How to Become an Entrepreneur? - My Story

NDLI Club of Kongunadu Arts and Science College and Departments of Computer Technology, Artificial Intelligence and Data Analytics jointly organized a webinar on How to Become an Entrepreneur? - My Story on 12.10.2021. The program was started at 3 p.m. through MS-Teams. The session starts with the prayer song. Ms S. Subhakarini (191CT037) of III B.Sc CT has delivered the welcome address. Mr. S.P. Bharath Dhanabalan, Managing Director, Art Eagle Enterprises India Pvt. Ltd Coimbatore was the Chief Guest. He was the Alumni of our Department (2017-2020). In his speech he explained the uses of NDLI and the quality to become an entrepreneur. His speech was very motivated. The department members of faculty and the students were attended. There was an interactive session. Students eagerly participated and asked their doubts. 252 students were participated. Ms. A. Keerthana (191CT052) of III B.Sc CT gave vote of thanks. Ms. S.Iswariya, of I B.Sc AI presents the MoC. The webinar was successfully ended at 4 p.m.



3:29 [Icons]

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Cash Flow Continued.....

Angel Broking

Particulars	2017-18	2016-17	2015-16	2014-15
Cash Flow from Operating Activities				
Net Profit before Tax	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Depreciation	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Amortisation	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for doubtful debts	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for employee benefits	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for income tax	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for dividend	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for interest	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for other taxes	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for other expenses	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for other income	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for other assets	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for other liabilities	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Provision for other items	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Cash Flow from Investing Activities				
Net Cash Flow from Investing Activities	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Cash Flow from Financing Activities				
Net Cash Flow from Financing Activities	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000
Net Cash Flow	1,14,71,000	1,12,71,000	1,12,71,000	1,12,71,000

Angel Broking
Cash Flow Statement as at 31st March 2018

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS), COIMBATORE
DEPARTMENT OF COMMERCE WITH ACCOUNTING AND FINANCE

&

KASC – INSTITUTION’S INNOVATION COUNCIL (KASC-IIC)

WORKSHOP ON

“ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY”

on 30/11/2021

The Department of **Commerce with Accounting and Finance & KASC – Institution’s Innovation Council** jointly organized the online workshop on **“ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY”** on 30/11/2021 at 12.00 PM. **Mr. S. K. Arunkumar**, Head Department of Commerce with Accounting and Finance is the Organising Secretary of the Programme. The students of Department of Commerce with Accounting and Finance and other department students participated in the programme. The function started with prayer song by **Ms. S. Janani** (211AF012) of I B.COM A & F, followed by Welcome Address and Guest Introduction was given by **Mrs. K. Subashini**, Associate Professor, Department of Commerce with Accounting and Finance.



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G. N. Mills Post, Coimbatore - 641029

KASC - INSTITUTION’S INNOVATION COUNCIL
&
DEPARTMENT OF B.COM WITH ACCOUNTING AND FINANCE

Jointly Organize & Cordially Invite you all for the workshop on
ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY

Resource Person



Dr. E. Venugopal
Principal,
TIPS School of Management,
Coimbatore.

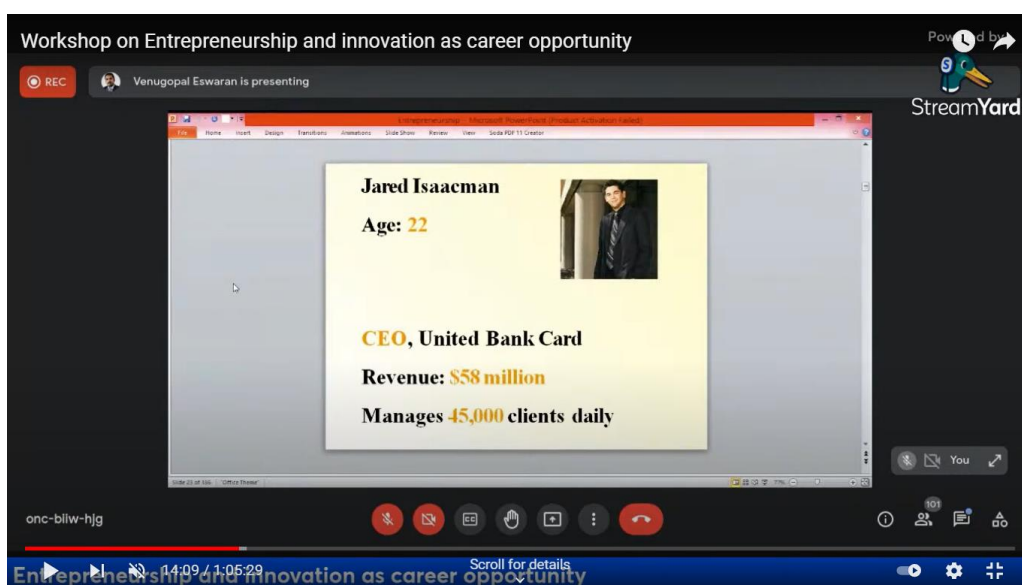
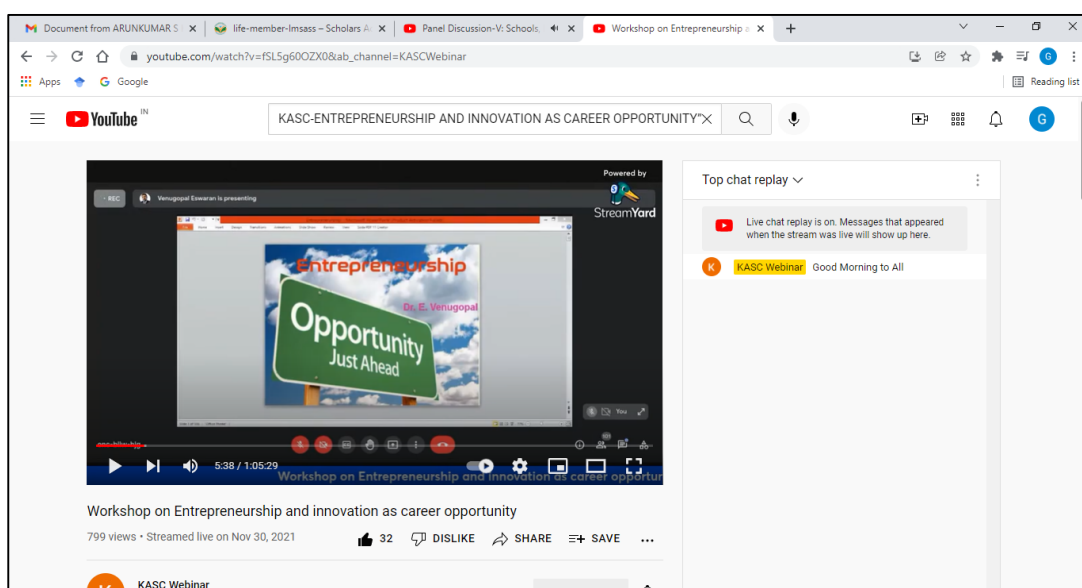
Date : 30-11-2021

Time : 12:00 pm

Chief Patron Dr. M. Aruchami President	Patron Dr. C. A. Vasuki Secretary and Director
Dr. M. Lekshmanaswamy Chairman, IIC	Dr. S. R. Madhan Shankar President, IIC
Organising Secretary Mr. S. K. Arunkumar Assistant Professor and Head B.Com (A&F)	Vote of Thanks Ms. M. Dharani Priya Assistant Professor B.Com (A&F)
Welcome Address Mrs. K. Subashini Associate Professor B.Com (A&F)	

Dr. E. VENUGOPAL, Principal, TIPS School of Management, Coimbatore, gave his speech about Entrepreneur, Role of Entrepreneur, how to become an Entrepreneur, Ways to get subsidy from government. The chief guest speech was more effective and informative. Some students asked queries regarding the topic. A special speech was given by **Dr. T. Jayakumar, Dean School of Commerce and Management**. Finally, programme concluded with the vote of thanks given by **Ms. M. Dharani Priya**, Assistant Professor, Department of Commerce with Accounting and Finance. Nearly **350 students** were benefited 89 students have attended workshop through Google Meet Link and 261 students have got benefitted through YouTube Link (<https://youtu.be/fSL5g60OZX0>).

SCREENSHOTS OF THE WEBINAR



Workshop on Entrepreneurship and innovation as career opportunity

REC Venugopal Eswaran is presenting Press Esc to exit full screen

StreamYard



Richa Kar, Founder and CEO – Zivame, an online lingerie retailer.

onc-biliw-hjg

19:28 / 1:05:29 Scroll for details

Workshop on Entrepreneurship and innovation as career opportunity

Workshop on Entrepreneurship and innovation as career opportunity

REC Venugopal Eswaran is presenting

StreamYard



Amit Jain, cofounder and CEO of CarDekho, an online classifieds portal for automobiles

onc-biliw-hjg

21:24 / 1:05:29 Scroll for details

Workshop on Entrepreneurship and innovation as career opportunity

Workshop on Entrepreneurship and innovation as career opportunity

REC Venugopal Eswaran is presenting

StreamYard



Pranay Chulet CEO and founder of Quikr, an online classifieds portal.

onc-biliw-hjg

31:21 / 1:05:29 Scroll for details

Workshop on Entrepreneurship and innovation as career opportunity

Workshop on Entrepreneurship and innovation as career opportunity

REC Venugopal Eswaran is presenting

StreamYard

onc-bliw-hjg

53:20 / 1:05:29

Scroll for details

Workshop on Entrepreneurship and innovation as career opportunity

REC Venugopal Eswaran is presenting

Press Esc to exit full screen

StreamYard

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1:03:23 / 1:05:29

Scroll for details

12:46 PM 2.0KB/s

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REC

Venugopal is presenting

uabcomaf

201AF004

You

Venugopal 96 others

1:09

onc-bliw-hjg

REC

Venugopal is presenting

Venugopal

T. Jay...

uabco...

You

201AF...

2 62 others