

KONGUNADU ARTS AND SCIENCE COLLEGE [Autonomous]

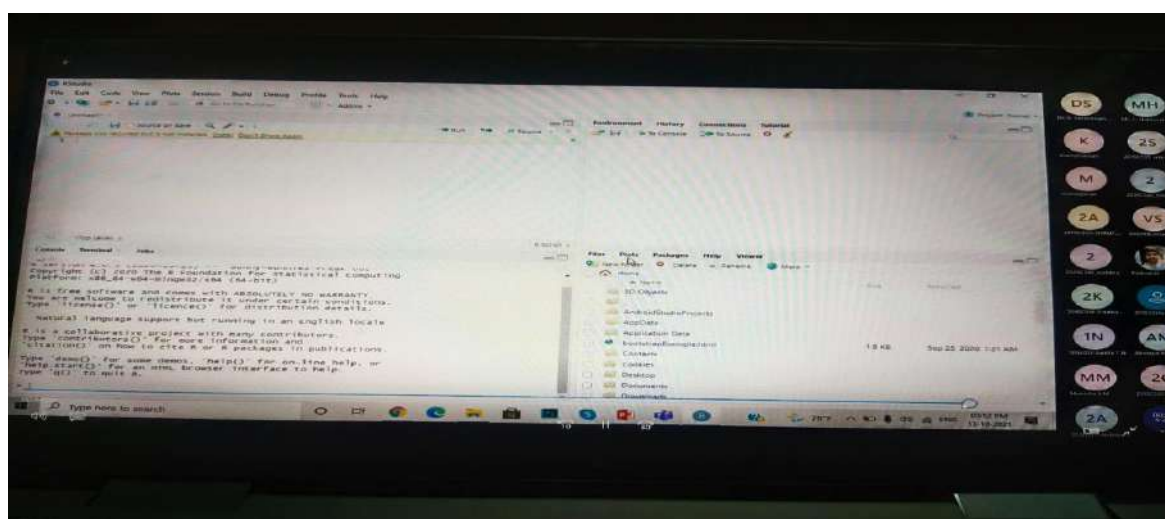
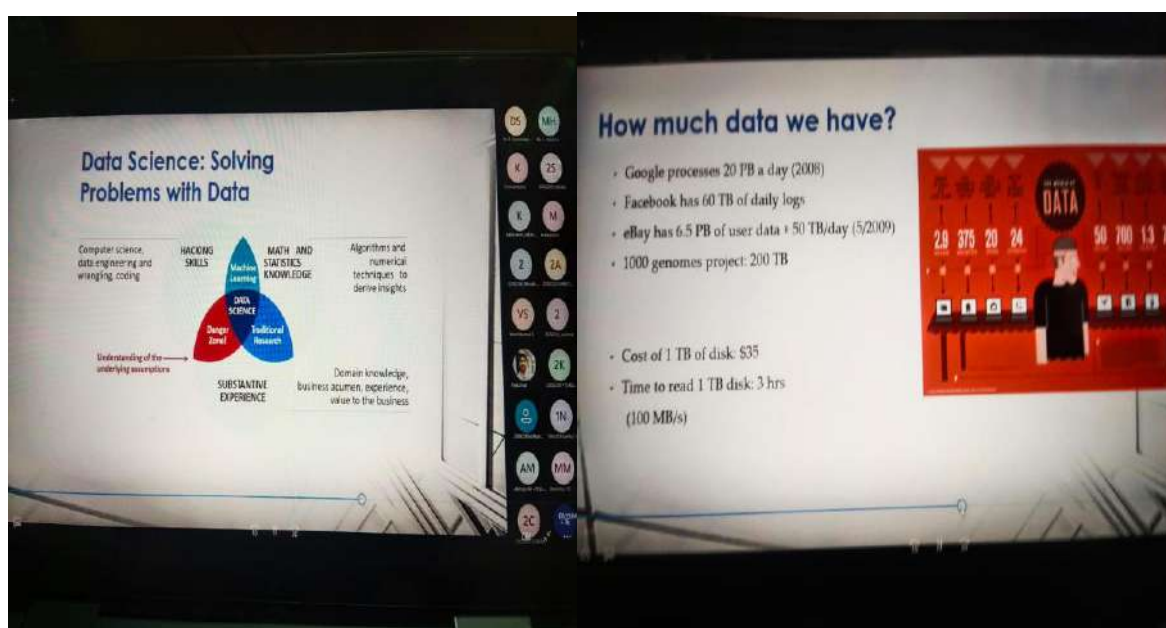
COIMBATORE-29

DEPARTMENT OF COMPUTER SCIENCE (PG)

Report – A virtual power seminar on

DATA ANALYTICS IMPLEMENTATION WITH CODING

A virtual power seminar on DATA ANALYTICS IMPLEMENTATION WITH CODING was Organized by ICT ACADEMY Hosted by Department of Computer Science [SF] on 13.10.2021 at 3.00 pm. The session was handled by Mr.K.Rajkumar Technical Lead Citius Tech. discussing about Data science , Scientific methods, Hacker mindset and their Applications in various sectors. The students trained with implementation with R language coding in data science. Around 70 Students and Staff from UG and PG Department of Computer Science attended the session and benefited.

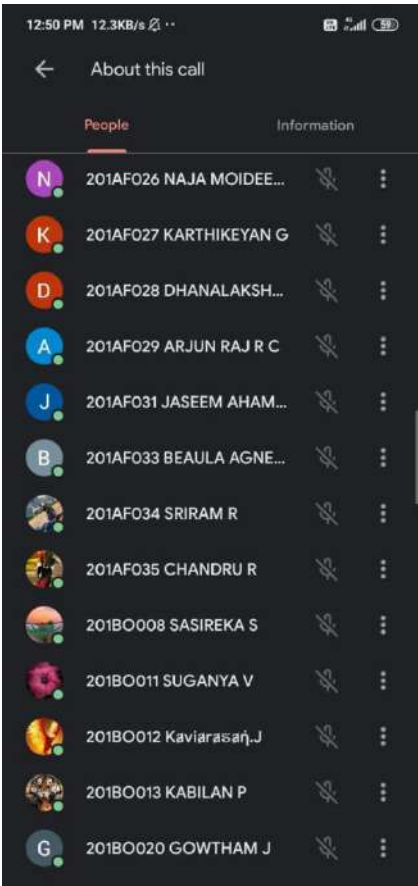
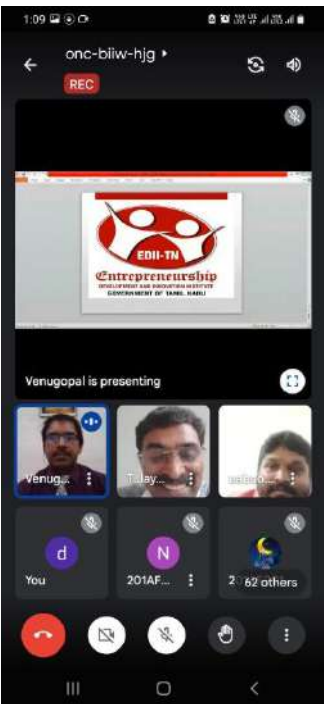
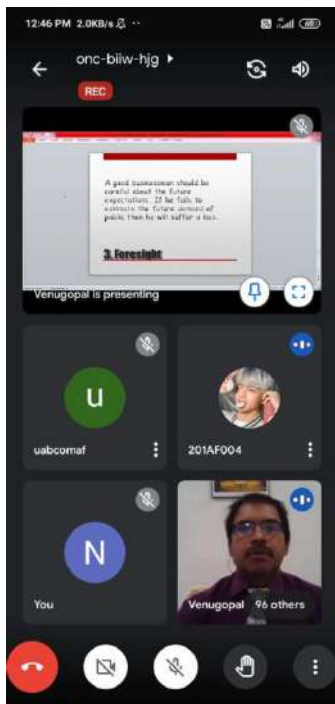


**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS),
COIMBATORE
DEPARTMENT OF COMMERCE WITH ACCOUNTING AND FINANCE
&
KASC – INSTITUTION’S INNOVATION COUNCIL
WORKSHOP ON
“ENTREPRENEURSHIP AND INNOVATION AS CAREER OPPORTUNITY”
ON 30/11/2021**

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 p.m. **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.

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.

SCREENSHOTS OF THE WEBINAR



Kongunadu Arts & Science College, Coimbatore-641029

Department of Physics

2021-2022 (Odd Semester)

Event : National Seminar

Number of Participants: 195

Date : 16:12:2021(FN) Funding Agency : ISCA,Coimbatore chapter

**REPORT on NATIONAL SEMINAR ON “ENERGY CONSERVATION &
ELECTRICAL SAFETY FOR SUSTAINABLE DEVELOPMENT”**

(Celebration of National Energy Conservation Day)

National Seminar on “ENERGY CONSERVATION & ELECTRICAL SAFETY FOR SUSTAINABLE DEVELOPMENT” was conducted on the forenoon of 16th December 2021 on account of Celebrations of National Energy Conservation Day. Department of Physics, Indian Science Congress Association, Coimbatore Chapter and Institution Innovation Council, KASC jointly organized the seminar. UG, PG and Research scholars of Physics Department attended the seminar.

The programme started by gracing the occasion with spiritual vibes, followed by the inauguration of the Renewable Energy Club and the Seminar. Dr.M.Dhanam, Principal i/c, Associate Professor and Head, Department of Physics delivered the welcome address. Dr.S.R.Madhan Shankar, Dean, Academics felicitated the gathering.

The first technical session was handled by Er.R.Gunabalan, Senior Manager, Training Centre, TNEB, Coimbatore and he delivered a talk on ‘Energy Conservation’. He pointed out the various methods of conserving electrical energy in houses, Colleges etc by doing simple things such as replacing higher wattage consumption bulbs with lower wattage consumption lamps, old

fan regulators to be replaced by electronic regulators, replacing higher wattage consuming tubelights with LED tubelights and many more. The second technical session was taken over by Er.K.Deivasigamani, Assistant Executive Engineer, TNEB, Bazar West who spoke on 'Electrical safety'. He in his simple and attractive talk gave the different ways to handle electrical appliances safely. The seminar session ended with a vote of thanks by Dr.A.Anu Kaliani, Associate Professor of Physics, KASC.



Inauguration of Renewable Energy Club and Seminar.



1st session “Energy Conservation” by, Er.R.Gunnabalan, Senior Manager, Training Centre, TNEB, Coimbatore.



2nd session “Electrical Safety” by ER.K.Deivasigamani, Assistant Executive Engineer, TNEB, Bazar West, Coimbatore.



Vote of thanks by Dr.A.Anu Kaliani, Associate Professor, Department of Physics, KASC, Coimbatore.

INVITATION

NATIONAL SEMINAR ON “ENERGY CONSERVATION & ELECTRICAL SAFETY FOR SUSTAINABLE DEVELOPMENT”



**National Seminar on Energy Conservation
&
Electrical Safety for Sustainable Development**
(Celebration of National Energy Conservation Day)
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.



Jointly Organized by
Department of Physics,
Indian Science Congress Association, Coimbatore Chapter &
Institution Innovation Council.



Date : 16.12.2021(FN) Venue : Auditorium

**Inauguration of the Renewable Energy Club
and the Seminar (10.15 AM – 11.00 AM)** : **Dr. C.A.Vasuki,**
Secretary and Director,
Kongunadu Arts and Science College,
Coimbatore.
Er. P. Nagarajan, M.E.,
Assistant Executive Engineer,
TNEB,
Somanur Town.

Technical Session-I (11.15 AM – 12.00 Noon) : **Topic: ENERGY CONSERVATION**
Er. K. Deivasigamani, B.E.,
Assistant Executive Engineer,
TNEB, Bazar West.

Technical Session-II (12.00 Noon – 1 PM) : **Topic: ELECTRICAL SAFETY**
Er. R. Gunabalan, B.E.,
Senior Manager,
Training Centre,
TNEB, Coimbatore

Chief Patron
Dr. M. Aruchami
President

Patron
Dr. C.A.Vasuki
Secretary and Director

Convener

1. Dr. M. Dhanam
Principal i/c
Associate Professor & HOD of Physics,

Advisory Committee

1. Dr. S. Paulsamy,
Dean R&D

2. Dr. S. R. Madhan Shankar,
Dean Academics



PROGRAMME SCHEDULE OF THE SEMINAR

Programme Schedule	
Inauguration of Renewable Energy Club and the Seminar	
Prayer	: Mr. S. Deepak & Ms. R. Akshatha III B.Sc Physics
Welcome	: Dr. M. Dhanam Associate Professor & Head Department of Physics Kongunadu Arts and Science College, Coimbatore.
Inauguration of Renewable Energy Club & the Seminar	
Presidential Address	: Dr. C. A. Vasuki Secretary & Director Kongunadu Arts and Science College Coimbatore
Felicitatation Address	: Dr. S. Paulsamy, Convenor, ISCA Coimbatore Chapter Dean-Research and Development Kongunadu Arts and Science College, Coimbatore. Dr.S.R.Madhan Shankar Treasurer, ISCA Coimbatore Chapter Dean Academics Kongunadu Arts and Science College, Coimbatore.
Vote of Thanks	: Dr. A. Anu Kaliani Associate Professor of Physics Kongunadu Arts and Science College Coimbatore
Technical Session-I (11.15 AM – 12.00 Noon)	: Er. R. Gunabalan, B.E., Senior Manager Training Centre TNEB, Coimbatore Topic: ENERGY CONSERVATION
Technical Session-II (12.00 Noon – 1 PM)	: Er. K. Deivasigamani, M.E., Assistant Executive Engineer TNEB, Bazar West. Topic: ELECTRICAL SAFETY

Kongunadu Arts and Science College (Autonomous) College of Excellence (UGC)

G.N.Mills, Coimbatore- 641029

Department of Physics

2021-2022 (odd semester)

Event : National Seminar on Energy Conservation and Electrical Safety for
Sustainable Development

Organised by

Department of Physics, ISCA Coimbatore chapter & Institute Innovation council

Funding Agency: ISCA, Coimbatore Chapter

Date: 16.12.2021(FN)

Expenditure Statement

S.No	PARTICULARS	AMOUNT (Rs)
1	Honorarium to Er.R.Gunabalan (Technical session 1)	2000
2	Honorarium to Er.K.Deivasigamani (Technical session 2)	2000
3	Bouquets	1000
4	Battery	130
5	Lunch	360
6	Fruits, water bottle, Tea&snacks	2010
	TOTAL	7500

**KONGUNADU ARTS AND SCIENCE COLLEGE
(Autonomous)**

Coimbatore – 641 029

DEPARTMENT OF CHEMISTRY

**National seminar on
Innovation and entrepreneurship in Chemical sciences for inclusive curriculum**

This seminar was conducted on 22nd March 2022 through google meet. This program is sponsored by “Paramarsh Scheme – UGC & Indian Science Congress Association – Coimbatore Chapter” and it is organized by Dr. K. Saminathan & Dr. E. Jayanthi, Department of Chemistry, Kongunadu Arts and Science College, Coimbatore and Department of Chemistry, Kongu College of Arts and Science, (Recognized u/s 2(f) and 12 B of the UGC Act 1956), Dheeran Chinnamalai Nagar, Karur, Tamil Nadu 639006.

This program commenced with a prayer song sung by our department girls. “A smile is the universal welcome” and its best done by HOD of the department Dr.V.Sangeetha, Department of Chemistry, KASC.

Presidential address was delivered by Kongu Maamani Thiru. Atlas M. Nachimuthu, Chairman ,Kongu Educational Trust and Correspondent, Kongu College of Arts & Science, Karur. He advised chemistry students to work hard to achieve more in their entire life.

Dr.K.Kumaravel, Principal, Kongu College of Arts & Science, Karur welcomed the joint activity of Kongu College of Arts & Science, Karur and Kongunadu Arts and Science College (Autonomous), College of Excellence (UGC), Coimbatore – 641 029.

Dr. S. Paulsamy, Dean R&D, KASC, Coimbatore expressed his happiness about the joint seminar and highlighted the achievements of chemistry people and encouraged the young minds to participate in the development of Innovation and entrepreneurship based on chemical sciences in our country.

The felicitation address was given by Dr. S. R. Madhan Shankar, Dean, Kongunadu Arts and Science College. He mentioned about the arrangements of seminar with eminent speakers, that is going to be very useful to the students and faculties attending this seminar.

Key note talk was given by Dr. D. THIRUMALAI, Ph.D., Assistant Professor Department of Chemistry, Thiruvalluvar University, Vellore-632 115, Tamil Nadu, India. In his

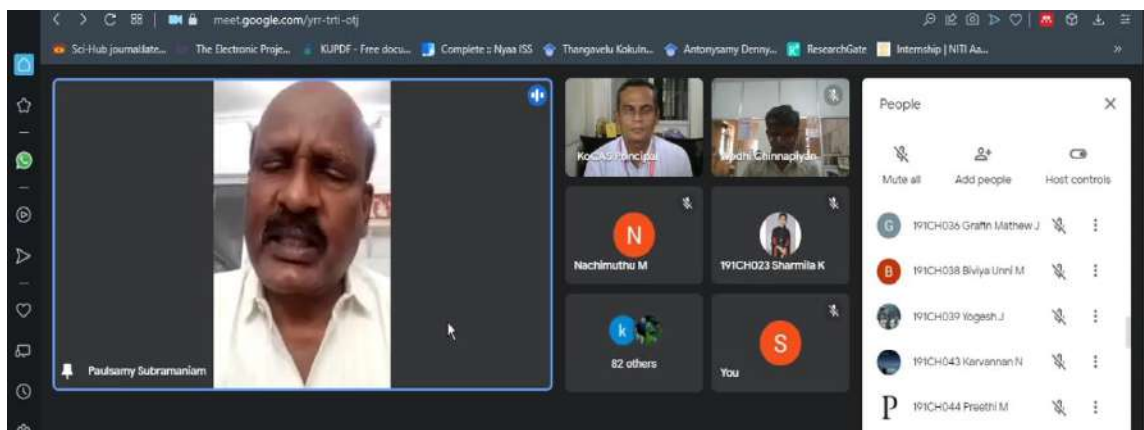
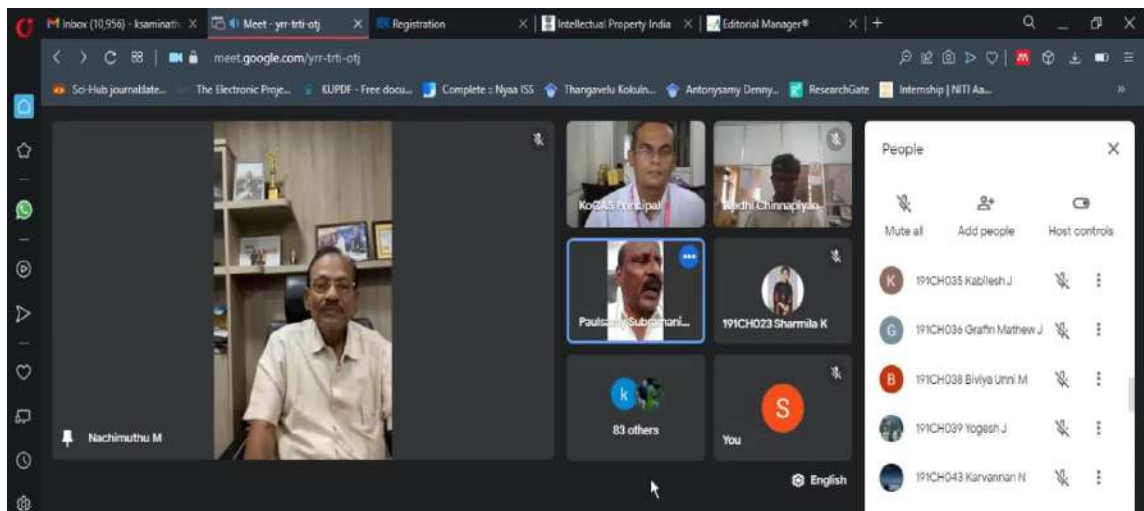
talk he explained about Nuclear magnetic resonance spectroscopy and it's crucial analytical role for chemists in compound analysis.

The research in the organic lab has been significantly improved with the aid of the NMR .Not only it can provide information on the structure of the molecule, it can also determine the content and purity of the sample too.

The next key note talk was given by C. VEDI, Assistant Professor, Department of Chemistry, V. O. Chidambaram College, Thoothukudi, Tamilnadu. He explained that all infrared spectrometer manufactures are now using FT designs instead of dispersive . The benefits of upgrading to an FTIR from an existing dispersive infrared instrument will be immediately evident in spectral quality, data collection speed, reproduceability of data and ease of maintainance and use.

The next key note talk was given by Mr. J. SEIKO, Scientist (Textile Chemistry), Central Sheep and Wool Research Institute (CSWRI) ,Indian Council of Agricultural Research (ICAR), Govt.of India, Avikanagar, Rajasthan - 304501, India. He delivered a talk on - Entrepreneurship in natural fibres. Natural fibres are sustainable material which are easily available in nature and have advantages like low cost, light weight, renewability, bio degradablity and high specific properties. Natural fibres are becoming increasingly popular for use in industrial applications, providing sustainable solutions to support technical inovations.

Vote of thanks was delivered by Dr.A. Latha, Head, Department of Chemistry, Kongu College of Arts & Science, Karur and the program was ended with the National anthem.



Dr.D.Thirumalai TU is presenting

The energy difference between the two spin states depends on the strength of the magnetic field

Energy

Applied Magnetic field B_0

60 MHz 300 MHz 600 MHz

1.41 7.046 14.092

β spin state

α spin state

11:21 AM | yrr-trti-olj

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DR.R.MANIMEKALAI AS...

191CH023 Sharmila K

Dr.D.Thirumalai TU

KoCAS Principal

krishnavenik Assistant ...

191CH049 V. Vinitha

38 others

You



Scope of Entrepreneurship in Natural Fibers

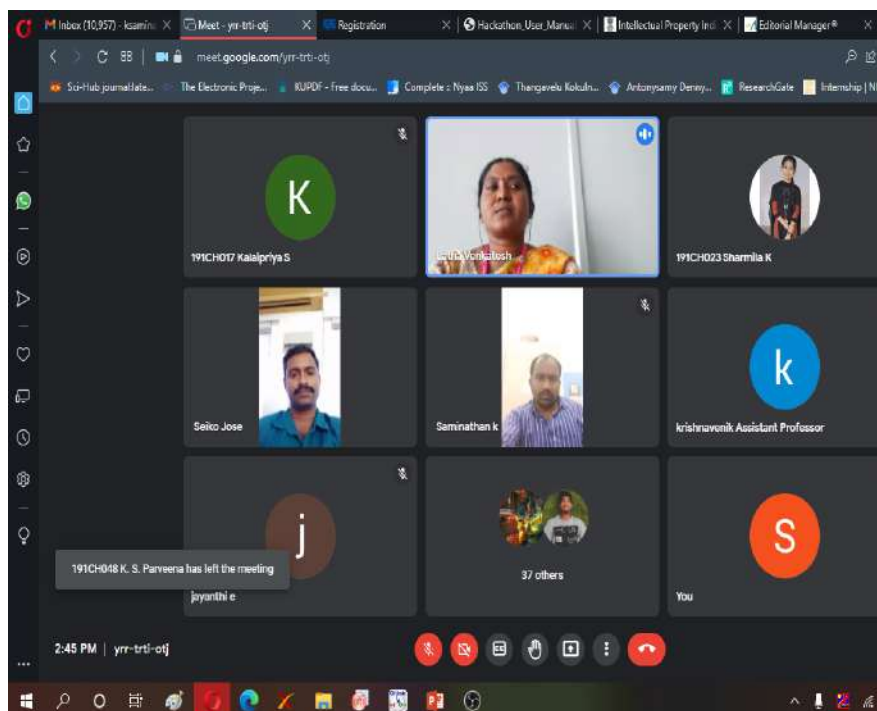
Seiko Jose

Scientist

ICAR- CSWRI

Rajasthan

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KONGUNADU ARTS AND SCIENCE COLLEGE

(Autonomous)

Coimbatore -641 029

DEPARTMENT OF CHEMISTRY

Kongunadu Arts and Science College- **“Seminar on Collaborative research for innovation in science”**

The event was coordinated by Dr. K. Saminathan, Assistant Professor, Department of Chemistry, Kongunadu Arts and Science College. In the event, Dr. J. Mathiyarasu, Senior Principal Scientist, Dr. N. Lakshminarasimhan, Dr. V. Ganesh, and Dr. C. Suresh, Senior Scientists, CSIR- Central Electro Chemical Research Institute, Karaikudi featured.

The inaugural address of the seminar was delivered by the secretary of the college, Dr. C. A Vasuki. In the keynote address, Dr. K. Murugesan, Principal (i/c), said the importance of joint research of all disciplines.

Dr. S. R. Madan Shankar, Dean (Academics), Kongunadu College of Arts and Sciences delivered the welcome address in which he said the importance of the joint effort of the best researchers from various institutions.

Dr. J. Mathiyarasu, Senior Principal Scientist, Central Electro Chemical Research Institute, Karaikudi. In his speech he spoke about the history and specialties of the Central Electro Chemical Research Center. He also elaborated on India's Green Hydrogen Policy announced on February 17. In long run, the two main fuels were hydrogen and electricity. Although both are energy vectors, hydrogen can be stored in large quantities for long periods of time. India's hydrogen consumption was 7 million tonnes in 2020, and according to the Energy and Resources Institute (TERI), it is expected to rise to about 28 million tonnes by 2050. Hydrogen production plays an important role in the decarbonization of India's transport sector. He further explained that hydrogen could lay the foundation for a new India that would be energy dependent.

Dr. J. Mathiyarasu, inventor of smart soil testing (SST) kit, he said to test the quality of the soil, farmers have to collect soil samples according to the criteria and take it to a testing laboratory for testing and wait a couple of weeks for the results. To avoid such complicated procedures and to facilitate soil health analysis for farmers, CSIR- Central Electrochemical Research Center (CSIR-CECRI), Karaikudi, under the auspices of Tamil Nadu Agricultural University, Agricultural College and Research Institute, Madurai, Developed and tested the Smart Soil Test Prototype tool for its field tests. This tool can be used by field officers / farmers in minutes. Based on the compiled information, the appropriate fertilizer for a particular crop can be selected. The highlight of the developed prototype is the ability to analyze all essential soil hygiene parameters within 15-20 minutes.

The next keynote address was delivered by Senior Scientist Dr. N. Lakshminarasimhan. He explained the steps involved in joint research with the Central Electro Chemical Research

Institute. He also explained the magnetic and electrical changes caused by the addition of nano components.

The followed speeches were delivered by Dr. V. Ganesh, Dr. M. Satish, Dr. C. Suresh Senior Scientists, Central Electro Chemical Research Institute, Karaikudi. Dr. V. Ganesh explained about the sensor that he is currently developing that can monitor diabetes level and its benefits. Explaining the innovations and future of hydrogen production, Dr. C. Suresh also mentioned his ongoing research in hydrogen production

They elaborated the research currently being carried out in their fields. Dr. K. Saminathan, Assistant Professor, Department of Chemistry, Kongunadu College of Arts and Sciences, delivered vote of thanks.

KONGUNADU ARTS AND SCIENCE COLLEGE

(Autonomous)

Coimbatore -641 029

DEPARTMENTS OF ZOOLOGY & BOTANY

A PROGRAMME FOR PROGRESSIVE FARMERS ON “INTEGRATED FARMING PRACTICES FOR SUSTAINABLE DEVELOPMENT”

A Programme for progressive farmers on “**Integrated Farming Practices for Sustainable Development**” was jointly organized by Indian Science Congress Association, Coimbatore Chapter, and Departments of Zoology & Botany, Kongunadu Arts and Science College, Coimbatore and conducted at Integrated Organic Farms, Pannimadai in Coimbatore on 11-03-2022 (Friday). The programme was started with formal invocation; participants were welcomed by Dr. S. Rajeshkumar, Assistant Professor in Zoology, KASC and Felicitation address was given by **Dr. S. Paulsamy, Dean R&D, KASC**, and Treasure ISCA - Coimbatore Chapter. The resource person was introduced by Dr. S. Rajeshkumar, Assistant Professor, Department of Zoology, and KASC. Lecture was arranged on the focal theme. Resource Person **Mr. K. Ponraj Prabhu**, Proprietor of Organic Integrated farm, Pannimadai, Coimbatore explained and demonstrated the “**Practices for Sustainable Development in Agriculture**”. He explained the topic clearly about the Organic Integrated farming types and its benefits for sustainable development in Agriculture by showing the structures established in explained and visited his Organic farm. Another Resource Person **Dr. S. Paulsamy, R&D, KASC**, made demonstration on “**Advancements in Integrated Agriculture**”. He explained clearly about the advanced organic integrated farm techniques made in developing agriculture in India. Dr. D. Moorthy, Assistant Professor, Department of Botany, KASC Coimbatore proposed the vote of thanks. In total 52 participants of farmers from various farms attended this program and got benefitted.



Dr. S. Rajeshkumar, Department of Zoology, KASC, Welcom the Gathering.



Dr. S. Paulsamy, Dean R&D, KASC, Treasurer, ISCA, Coimbatore Chapter, Felicitates the Gathering.

Dr. S. Paulsamy, Dean R&D, KASC, Treasurer, ISCA, Coimbatore Chapter, is giving Farmers Mineral Mixture Powder (Animal Feed Supplement) to farmers.





Mr. K. Ponraj Prabhu, Organic Integrated Farmer, Pannimadai, Coimbatore.



Participates of the Programme.

Poultry farm in the Organic Integrated Farm, Pannimadai, Coimbatore.



Vermiculture farm from Organic Integrated Farm, Pannimadai, Coimbatore.



Dr. D. Moorthy, Department of Botany, KASC, Proposed Vote of Thanks.

A VIRTUAL CONFERENCE
ON
“VERMITECHNOLOGY FOR SUSTAINABLE FUTURE”

Sponsored by

**INDIAN SCIENCE CONGRESS ASSOCIATION (ISCA), COIMBATORE CHAPTER,
TAMIL NADU**



Organized by

PG AND RESEARCH DEPARTMENT OF ZOOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE, COIMBATORE, TAMIL NADU



**INDIAN SCIENCE CONGRESS ASSOCIATION CO
IMBATORE CHAPTER**

Committee members

Convener : Dr.C.A.Vasuki

**Secretary and Director
Kongunadu Arts
and Science College Coimbatore**

Treasurer : Dr.S.Paulsamy

**Dean, Academic and
R&D Kongunadu Arts
and Science College Coimbatore**

Members : Dr.K.Karthika

**Assistant Professor of Botany
Kongunadu Arts
and Science College Coimbatore**

Dr.K. Saminathan

**Assistant Professor of
Chemistry Kongunadu Arts
and Science College Coimbatore**

Dr. R.T. Narendhirakannan

**Assistant Professor of
Biochemistry Kongunadu Arts
and Science College Coimbatore**

REPORT FOR VIRTUAL CONFERENCE
ON
“VERMITECHNOLOGY FOR SUSTAINABLE
FUTURE”

Sponsored by

INDIAN SCIENCE CONGRESS ASSOCIATION (ISCA), COIMBATORE
CHAPTER

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PG AND RESEARCH DEPARTMENT OF ZOOLOGY
KONGUNADU ARTS AND SCIENCE COLLEGE, COIMBATORE, TN

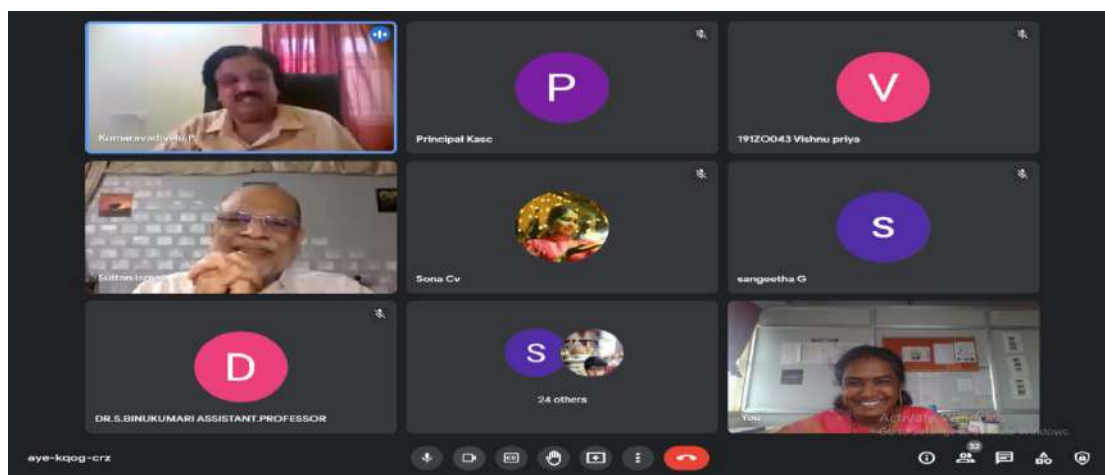
VENUE : Through Google Meet

meet.google.com/aye-kqog-crz

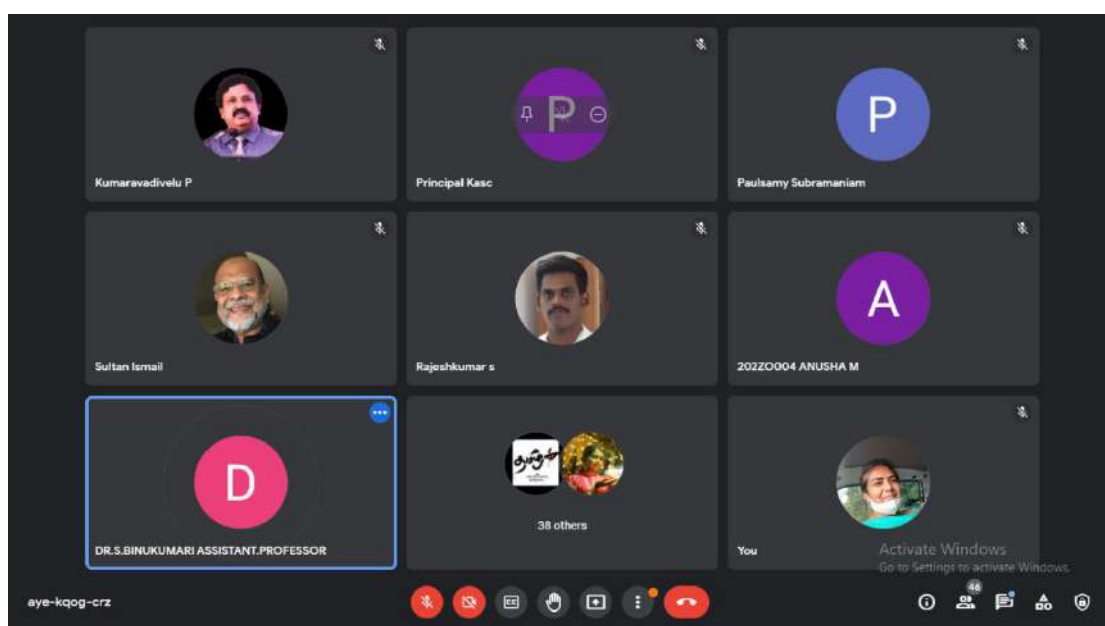
DATE : 19/03/2022 (SATURDAY)

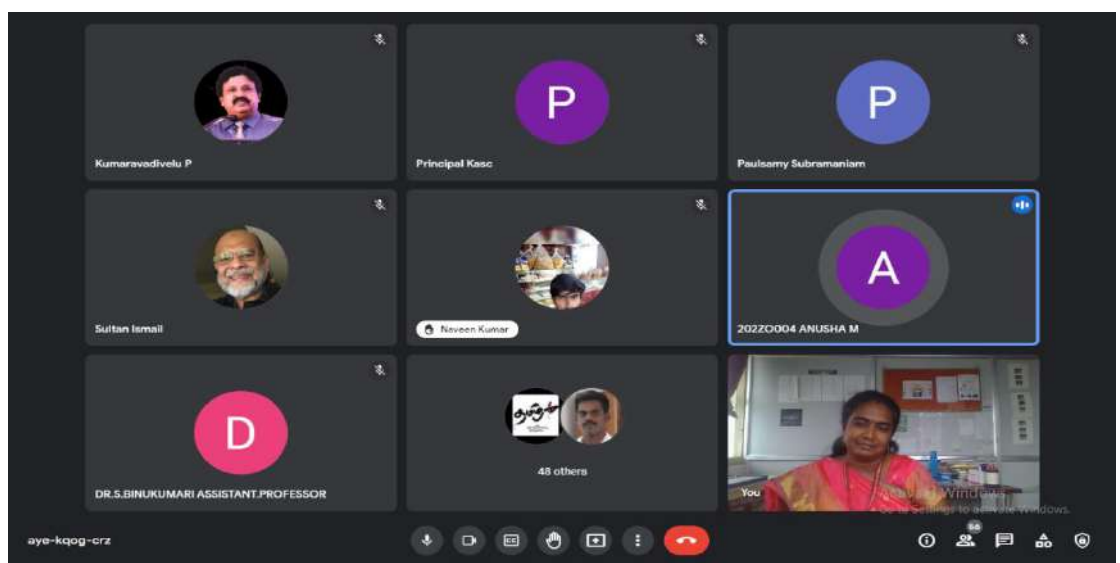
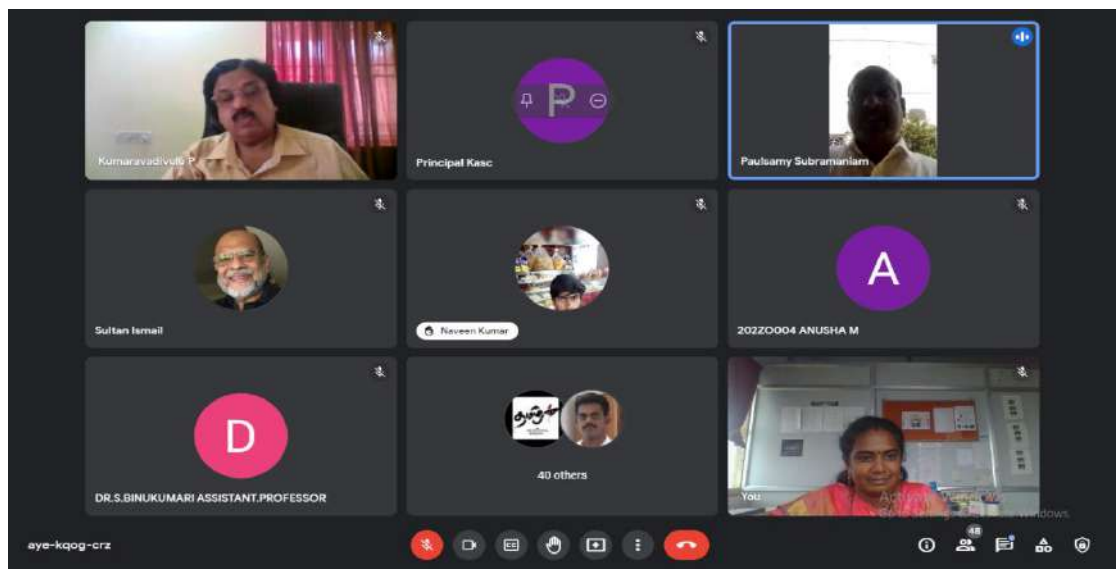
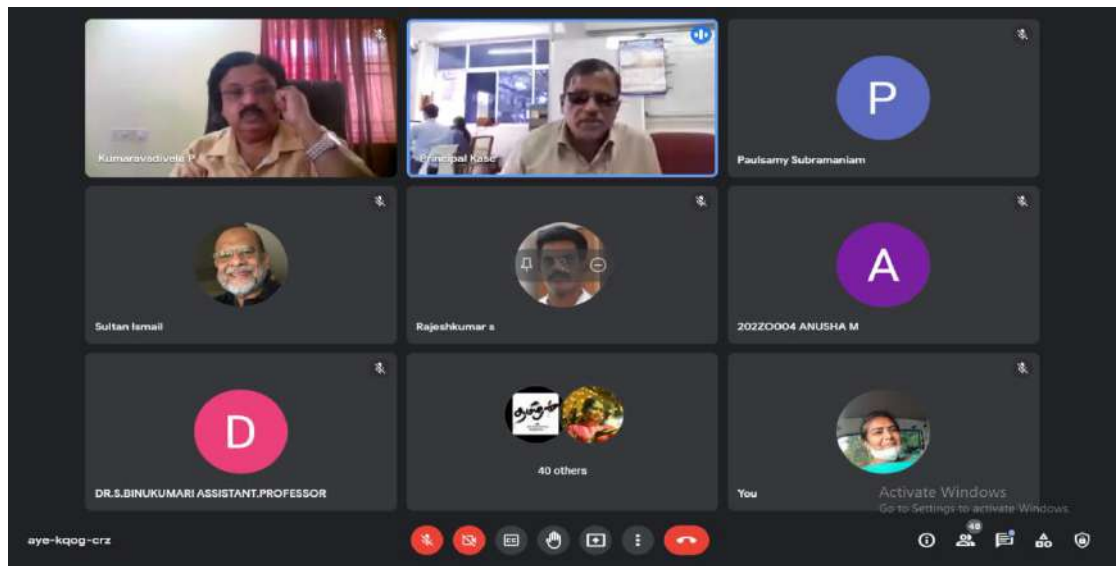
TIME : 2:00 PM to 6.30 PM

AIM and SCOPE : The conference mainly focused on vermitechology and vermicomposting for the sustainable future and targeted group members **which** include the students, research scholars, faculty members and entrepreneurs to start the vermicomposting process at small scale and large scale level, so the current virtual conference inculcated the knowledge on availability of technologies to convert waste into wealth.”



The PG & Research Department of ZoologyKongunadu Arts and Science College, Coimbatoreorganized a virtual conference on “Vermitechnology for a Sustainable Future” sponsored by Indian Science Congress Association (ISCA), Coimbatore Chapter. The programme **was** conducted on 19-03-2022 at 2:00 pm **followed** by welcome address given by **Dr.S.Binukumari**,Assistant Professor Head/c Department of Zoology, Kongunadu Arts and Science College, Coimbatore. **Dr.M. Lekeshmanaswamy**, the principal of the college, **delivered** the presidential address and the programme was inaugurated by **Dr. S. Paulsamy**, Dean, R & D, KASC Treasurer, ISCA Coimbatore Chapter, and address**sed** about vermicomposting and importance of organic farming techniques for sustainable future.





SESSION-1 (2.15 pm to 3.30 pm)

Dr. P.Kathireswari Assistant Professor, Department of Zoology, Kongunadu Arts and Science College, Coimbatore introduced the first resource person **Dr. Sultan Ahmed Ismail**, State Planning Commission Member, Government of Tamil Nadu, Head Ecoscience Research Foundation, Chennai, Tamil Nadu. He has an eminent expert in the field of vermotechnology and also known to be **the** father of vermotechnology in Tamil Nadu. He delivered the speech on the topic **“Vermotechnology- An Overview”** He well explained **the** soil health, role of earthworm, difference between vermicompost and vermicast, decomposition process etc. **He** has mainly highlighted the types of vermibed preparation, maintenance, and motivate the participants to get rid more for setting the extensive branch of vermotechnology and encouraged to start the domestic level vermicomposting. **He** gave ideas to maintain the vermibed in suitable moisture, temperature, and right food to feed for earthworms. He established many vermibeds in all over India and abroad to focus mainly on soil health and productivity and application of vermicompost for different purposes. This was an eye-opening lecture for students, research scholars and entrepreneurs.

Sultan Ismail is presenting

ENVIRONMENT

Beware the Bullets!

Here You can now join this meeting

Sultan Ismail

20220004 ANUSHA M. Paikany Subraman...

Principal Kase DR.S.BINUKUMARI A...

41 others

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Sultan Ismail is presenting

THE SOIL IS ALIVE

20220004 ANUSHA M. Paikany Subraman...

Principal Kase DR.S.BINUKUMARI A...

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Sultan Ismail is presenting

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Sultan Ismail is presenting

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40 others

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SESSION-2 (3.30 pm to 4.45 pm)

Dr. C. Shobana Assistant Professor, Department of Zoology, Kongunadu Arts and Science College, Coimbatore introduced the second resource person **Dr. Natchimuthu Karmegam**, Assistant Professor, Department of Botany, Government Arts College, Salem, Tamil Nadu. He delivered the speech on the topic **“Decomposition of different types of waste by vermicomposting”** shared integrated organic farming and different wastes like leaf litters, coir waste, paddy straw, poultry waste all are used in the earthworm food and get organic vermicompost and encouraged the students, research scholars to become an entrepreneurs in the field of vermitechology. 40 students attended and got benefited.


Natchimuthu Karmegam is presenting


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 Natchimuthu Karmegam...

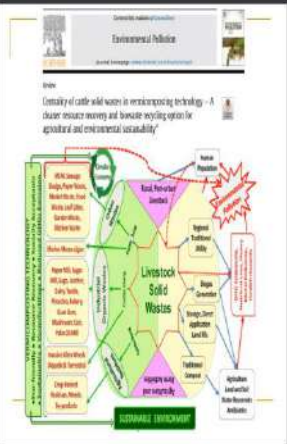

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 DR. PRADEEP DASH...


 22 others


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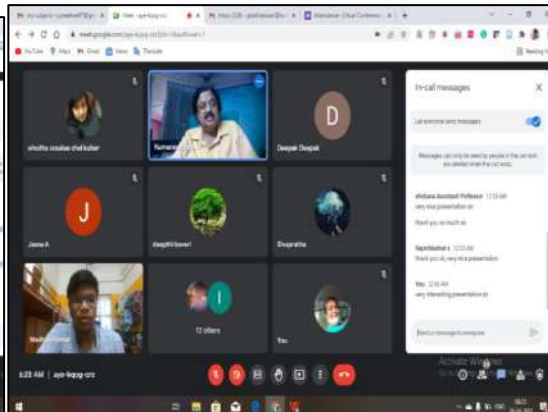
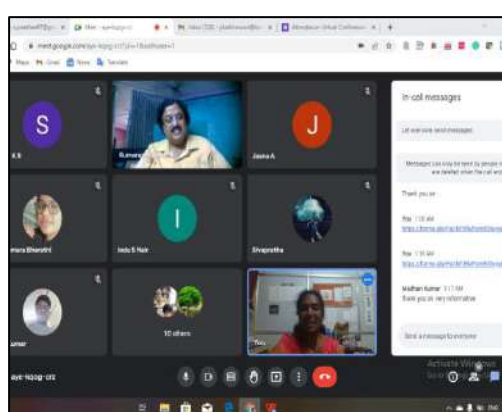
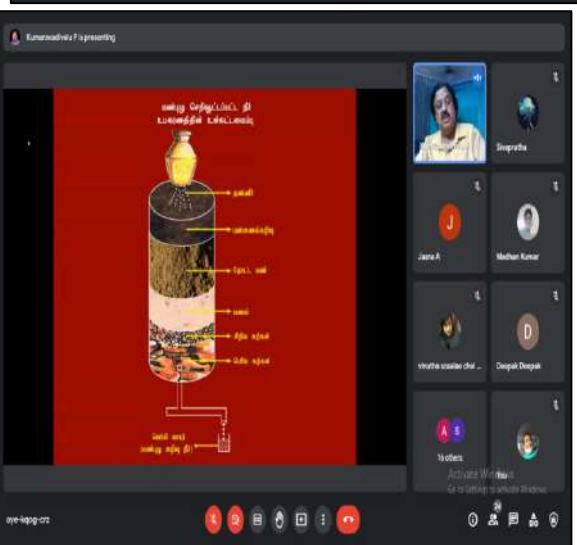
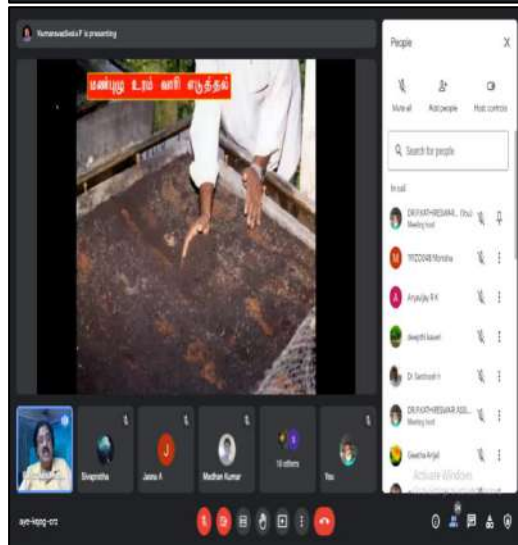
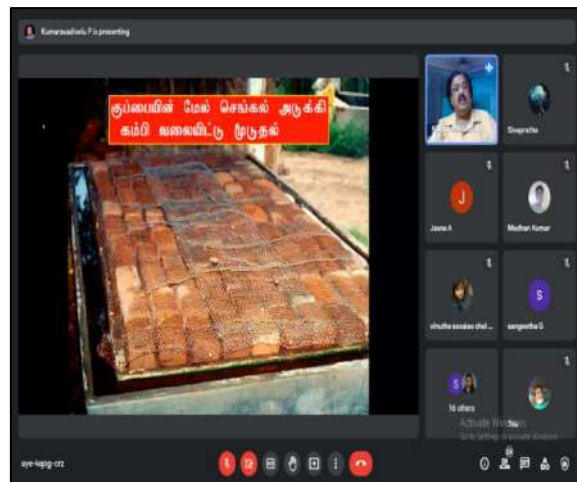
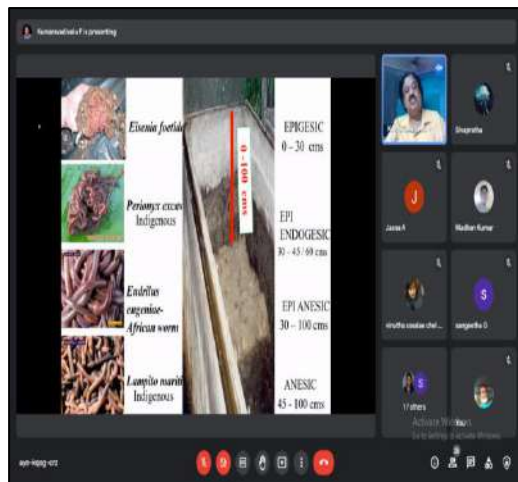


The presentation slide is titled "Environmental Pollution" and is presented by Natchimuthu Karmegam. It discusses the toxicity of cattle solid waste in environmental technology, its adverse impacts on human health, and a circular economy model for livestock solid waste management. The model includes inputs like feed, water, and health care, and outputs like manure, urine, and carcasses, which are then converted into various products like biogas, fertilizer, and animal feed.

SESSION-3 (5.00 pm to 6.30 pm)

Dr. S. Rajeshkumar Assistant Professor, Department of Zoology, Kongunadu Arts and Science College, Coimbatore introduced the third resource person **Dr. P. Kumaravadivelu**, Chief Scientist and Head KVK, ICAR Krishi Vigyan Kendra Vivekanandapuram, Karamadai Block Dist. Coimbatore, Tamil Nadu. He focused on entrepreneurship development and develop the small scale and large scale vermicomposting. He is acting as a Scientist and head in KVK, south India and serving a nodal officer/ member in all district level committee. Well explained in the topic **“Vermicomposting for Sustainable Agriculture”** He shared his experience about farmer practicing, integrated farming and explained his experiences with all different ways for money generation from integrated farming. He established a vermiwash unit by using barrels, canes and container methods and marketing and selling vermiwash to the farmersgroups and gardeners. Soil and water conservation activities undertaken in his farm have helped the utilization of all water resources including rain water and soil fertility management. The feed for the livestock is generated in the farm itself and the excretory material of livestock is used for the production of biogas and the produced slurry is used as biomanure for the crops. Also the dung is utilized for producing organic manure, vermicompost by three different earthworm species *Eudrilus eugeniae*, *Perionyx excavatus*, *Eisenia fetida*. He pointed out the various opportunities in selling the vermicompost in amazon, flipcart, ECOM etc. Participants were actively involved and interacted with the resource person and he well explained the need for an entrepreneurship also explained how one could become an entrepreneur to start the vermicomposting and explained need of skills to become an entrepreneur.

Nearly 58 Students were participated, cleared the doubts and constructive in the field of vermi technology. Finally, Vote of thanks was delivered by Dr. S. Manivannan Assistant Professor, Department of Zoology, Kongunadu Arts and Science College, Coimbatore. The meeting was ended at 06.45 pm.



Signature of the Organizing Secretary

Signature of the ISCA Convenor

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
Coimbatore – 641 029,

DEPARTMENT OF COMPUTER SCIENCE [AIDED]

Report of the Webinar on “Development Enhancements Using AZURE”

The Department of Computer Science (Aided) has conducted a Webinar on “Development Enhancements Using AZURE” on 12-05-2022. The students numbering 150 have participated with enthusiasm in the webinar. The webinar commenced with the invocation of a prayer song. Dr. M. Lekshmanaswamy, Principal of the College delivered the Presidential Address. He stressed the importance of Computer field and its applications in all the other domains.

The Chief Guest Mr. S. Gopinath, Solution Architect, Global Village Techpark Bengaluru delivered the special address. He has more than 10+ years of experience in the particular domain. The Guest speaker enthralled the participants with good contents in the field and specifying real time applications and examples.

He clearly explained the concept of Microsoft Azure for beginners. Azure is Microsoft's public cloud platform and offers a large collection of services, which includes platform as a service (PaaS), infrastructure as a service (IaaS), and managed database service capabilities. It is a powerful cloud management platform that gives the flexibility to create any type of online application.

He described the various Types of Cloud Services and Deployment

Types of Cloud Services:

- Infrastructure as a service (IaaS)
- Platform as a service (PaaS)
- Software as a service (SaaS)

Types of deployment:

- Public cloud.
- Private Cloud.
- Hybrid Cloud.

He has disclosed the justification of the name Azure. Lexicon developed the name Azure, which signaled a new attitude for Microsoft and suggested the open-ended and flexible nature of the platform. Azure, the color of the sky, further generated appropriate and striking visual associations for a cloud-based platform.

He narrated the **Top Skills an Azure Expert Needs to Master:**

- Public/Private Cloud Balance.
- Azure Operations and Administration.
- Cloud Development with Azure.
- Azure Architecture.

Mr. S. Gopinath, out of his rich experience shared the 5 primary benefits of Azure storage namely

1. Speed of service
2. Enhanced flexibility
3. Integrated delivery pipeline
4. Disaster recovery and
5. Security.

The webinar session turned to be so interactive as the speaker raised many questions and made the session highly participatory in nature so that every one gets actively involved. The guest speaker demonstrated the concepts for clear understanding of every participant. With the proper vote of thanks the webinar came to a successful end.

KONGUNADU ARTS AND SCIENCE COLLEGE

(Autonomous)

Coimbatore- 641 029

**DEPARTMENT OF BIOTECHNOLOGY AND DEPARTMENT OF COMPUTER
APPLICATIONS AND INFORMATION TECHNOLOGY**

ISCA, Coimbatore chapter sponsored Awareness programme on “DIGITAL MARKETING OF VALUE ADDED PRODUCTS” was jointly organized by PG and Research Department of Biotechnology and Department of Computer Applications and Information Technology, Kongunadu Arts and Science College, Coimbatore on 07.03.2022 at the college premises. The welcome address was given by Dr S Mythili, Associate Professor and Head, Department of Information Technology, KASC. The theme of the programme was given by the Dr B Vishnupriya, Assistant Professor in Biotechnology, KASC. Dr. S R Madhan Shankar, Dean Academics, KASC felicitated the gathering.

A total of 11 farmers from Maniyakarampalayam and Udayampalyam, Coimbatore were participated in this awareness programme. Students from Department of Biotechnology displayed value added products of Corn based Eco-friendly gum, Edible cutlery with grains, Cocopeat block, Ecofriendly handmade coconut shell pot and Coco Compost for organic farming. Also students explained the procedure to make eco-friendly products to the farmers in detail. Participants were eagerly listened and gave suggestions to make the products more viable and standardized.

Ms. Abinaya Rajendran, Account Manager, Executive Selling Partner Relations Team, Amazon, India was the Resource Person of Virtual Session. She explained about Digital Marketing of a Value added product. In her speech, she explained about steps for online marketing, the government norms and basic documents needed to start an online business. She also explained about the benefits of online marketing and how to contact the Amazon local agents to continue their online marketing process. The session ended with a fine note and the farmers clear their doubts about the online marketing. A total of 11 farmers, 15 students and faculties attended the Virtual Session.



Welcome the Participants



Explanation about Corn Gum Preparation



Explanation about Cocopeat



Visual Presentation of Digital Marketing



Presentation by Resource Person



Participants of Virtual Session



Farmers with Faculty of Biotechnology, Computer Applications and Information Technology Departments.



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS), COIMBATORE

PG & RESEARCH DEPARTMENT OF COMMERCE

DEPARTMENT OF BIOTECHNOLOGY

CONSUMER CLUB – KASC

“Consumer Awareness Programme on Product Adulteration”

May 10th - 2022 (Tuesday)

REPORT

PG & Research Department of Commerce, Department of Biotechnology and Consumer Club of KASC jointly organized a Consumer Awareness Programme on **May 10th – 2022** between 10:00 AM and 1:00 PM in the F-16 Classroom. **Dr.S.R.Madhan Shankar, Dean Academics, KASC** was the chief guest for the programme titled **“Consumer Awareness Programme on Product Adulteration”**. Dr.S.Uma, Associate Professor & Head, PG & Research Department of Commerce delivered the welcome address, the Dr.T.Jayakumar, Dean, School of Commerce & Management, felicitated the gathering. The session was very constructive and the Chief Guest put emphasis on the need for creating vigilance among the consumer towards product adulteration. The speaker quoted several examples stating the ignorance of the buyer and stressed the students to enhance their ability in understanding the need and usage of products. Mrs.S.Kalpana Devi, Assistant Professor in Commerce and Consumer Club Coordinator in charge delivered the vote of thanks. Consumer club volunteers along with Commerce and Biotechnology students demonstrated the difference between original and adulterated products. Around 20 students actively participated and 379 were benefited with the programme.

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COIMBATORE – 641 029
DEPARTMENT OF COMMERCE WITH BANKING AND INSURANCE
WORKSHOP REPORT

The Department of B.Com. B & I has organized a Seminar **on 04.04.2022** between 10.30.AM and 1.00 PM in Conference Hall. Topic for the session was **“SOFT SKILL DEVELOPMENT PROGRAMME”** and the Chief Guest for the session was **Mr.S.Sabareeswaran, Deputy General Manager & Soft Skill Trainer, Mr.R.Hariraj, Accounts Manager, Kalvi Higher Education and Research Institute, Coimbatore.** All the students of B.Com. B & I have participated in the programme. **Dr.D.Moorthy**, Head of the Department presented the welcome address. **Dr.K.Murugesan**, Controller of Examination and **Dr.T.Jayakumar**, Dean, Commerce & Management have facilitated the seminar. The programme started with a prayer song by Ms.Snega and Ms.Medha of II B.Com. B&I. Mr.Jeevabharathi of II B.Com. B & I has introduced the Chief Guest.

The first session was given Mr.Hariraj. He has highlighted the need and importance of soft skills to uplift the career style. He also spoke on interview etiquettes and the industry expectation in the present scenario. The leadership qualities, communication skill, organizational behaviour, professional attitude, teamwork, work ethics were also highlighted by the Speaker.

The next session was engaged by Mr.S.Sabareeswaran. He has focused on other etiquettes like eye contact, behaviour with the superiors, digital literacy etc. In between the session, the speaker has conducted small activities on soft skills for the students and motivated them to equip on the same to transform their future. He also differentiated soft skills and hard skills and pointed out the need for both the skills. All the students participated in the session and events very enthusiastically and got the high appreciation from the guests.

126 students were participated, Mr.Jeevabharathi of II B.Com. B & I has delivered the vote of thanks. The session ended up with National anthem.

OUTCOME OF THE PROGRAM

1. The students were able to learn theoretical aspect soft skills and etiquettes needed for the interview.
2. The students got the hope on their future career and understood the necessitate of business and interview skills.
3. The students have agreed to upgrade their skills to get best opportunities in the field.



KONGUNADU ARTS AND SCIENCE COLLEGE
(Autonomous)
Coimbatore- 641 029

INSTITUTION INNOVATION COUNCIL AND DEPARTMENT OF
BIOTECHNOLOGY

Conducted by: Institution Innovation Council and Department of Biotechnology & School of Computer Science, Kongunadu Arts and Science College, Coimbatore.

The seminar entitled “Design Thinking for Gen Z” was organized by Kongunadu Arts and Science College, Coimbatore, on 22nd December, 2021. Participants from various institutes and students from our institute has enthusiastically participated in the program. The enlightening lecture was delivered by G.Xavier Richards, Innovation officer, KIT- Kalaigarkarananidhi Institute of Technology. His talk throws insights on the five stages of design thinking such as empathize, define, ideate, prototype and test. He has elaborated the challenges, advantage and disadvantages at each step of the mentioned stages. He shared his experience in handling the real time projects and highlighted the importance of design thinking in the field to analyze business market and innovation. He successfully delivered the reliability of design thinking concepts in day-to-day life in problem solvations from small market to corporate success worldwide. Participants more than 100 of total number from other as well as our institute has gained a sound knowledge on these concepts. The seminar was a successful event. The faculty and participants are highly obliged and dedicate a sincere thanks to the management especially for our Chief of Patron, Dr.M.Aruchami, President, KASC and Patron, Dr.C.A.Vasuku, Secretary and Director, KASC, for their constant enthusiasm in supporting and providing a vibrating platform for the faculty to conduct such an amazing fruitful events in our campus through virtual mode. The sincere thanks is extended to the Organizing committee (Dr.M.Dhanam, Principal, i/c, Dr.S.R.Madhan Shankar, Dean Academics, Dr.S.Mythili, Dean School of Computer Science) and secretaries (Dr.R.Sathishkumar, Asst. Prof. Dept. of Biotechnology and Dr.L.Kathirvelkumaran, Asst. Prof. Dept. of Computer Application).

KONGUNADU ARTS AND SCIENCE COLLEGE

(Autonomous)

Coimbatore -641 029

**DEPARTMENT OF COMPUTER APPLICATIONS AND DEPARTMENT OF
INFORMATION TECHNOLOGY**

Webinar on

Problem Solving and Ideathon Workshop

KASC Institution's Innovation Council, Department of Computer Applications and Department of Information Technology jointly organized a session on “**Problem Solving and Ideathon Workshop**” on **28th February 2022**.

The Session was started with a prayer song by T.Anushiya, II B.Sc(IT) proceeded with Welcome Speech and Chief Guest Introduction delivered by Mrs.A.Immaculate, Associate Professor, Department of Computer Applications[UG].

The Resource Person **Mr.Sai Natarajan, CEO, Duratech Solutions**,Coimbatore, conveyed the concepts involved in “Problem Solving and Ideathon Workshop”. The students from Department of Computer Applications and Information Technology took part in the session. The technical Session was very informative. The Resource person led the session in an interactive manner. Nearly 206 participants attended the session and gained knowledge in IT carriers in an effective way.

The session was subsequently continued with Vote of Thanks given by Mrs.D.Princy, Assistant Professor, Department of Information Technology which was ended up in a successful manner.

KONGUNADU ARTS AND SCIENCE COLLEGE

(Autonomous)

Coimbatore -641 029

DEPARTMENT OF INFORMATION TECHNOLOGY

Awareness Programme on

Digital Transactions using Mobile Application for Self Help Group Report

Department of Information Technology organized an Awareness Programme on “**Digital Transactions using Mobile Application for Self Help Group**” on 12.12.2021. The event was presented by the Students of Information Technology Department. The program started at 4p.m. through MS-Teams. The session started with the prayer song by T.Anusuya of II B.Sc IT. Dr.S.Mythili, Head of the department of Information Technology, delivered the welcome address. Dr.S.R.Madhan Shankar, Dean Academics, delivered the Presidential Address. The self help group members of the various club introduced themselves. Mr. M.Surya of III B.Sc IT has clearly explained about Whatsapp Pay using UPI ID and QR Code. Mr. L.Pranesh Kumar and Mr.K.M.Sabarish of III B.Sc IT were explained about Google Pay login process, linking bank account details, creating UPI pin, Money transfer using mobile number/ account, Recharges and Bill payments. Ms. N.Harshini of III B.Sc IT has explained about the installation process, usage and the transaction methods using Phonepe app. The session was very informative. The participants asked their queries and our department students clarified their doubts. The following group's members participated:

1. Sigaram Women Self Help Group (Chinnavedampatti) – 15 members.
2. Sri Moohambigai Women Self Help Group (Thoppampatti) – 12 members.
3. Grama Vidiyal Women Self Help Group (Mettupalayam) – 10 members.
4. Sri Sivasakthi Women Self Help Group (Kanniyakumari) – 11 member
5. Kendhira Women Self Help Group (Kanniyakumari) – 13 members
6. Parents – 10 members

The Volunteers Ms. Kannikaparameshwari and Ms.R.Sruthi of III B.Sc IT went to respective Self help group place to make arrangement to join thru MS-Teams. A total of 92 participants attended the programme. Ms.E.Fathima of III B.Sc IT was the MoC. T.Anusuya of II B.Sc IT has delivered vote of thanks. The programme successfully ended at 5.30 p.m.

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COIMBATORE – 641 029

DEPARTMENT OF COMPUTER APPLICATIONS & INFORMATION

TECHNOLOGY

Webinar on

EXPLORING THE TECHNOLOGY

KASC institution's innovation council with Department of Computer Applications & Information Technology jointly organized a session on “**Exploring the Technology – Java Spring Boot**” on **11.05.2022 for National Technology day** at 3.00 PM to 4.00 PM through MS-Teams platform.

The Session started with a prayer song by T, Anushiya, II B.Sc(IT) proceeded with Welcome Speech and Chief Guest Introduction by Mrs. A. Immaculate, Associate Professor, Department of Computer Applications (UG).

The Resource Person Mr A. Gunalan, Senior Software Engineer, VIBAPS Inc, Canada explored the Technologies and its importance. Resource Person elaborated the concept Java Spring Boot and discussed about Web Application Architecture, Databases like MariaDB and NoSQL, Spring Boot flow Architecture and how to work in Spring Boot framework with sample problem.

Around 260 students from Department of Computer Applications and Department of Information Technology took part in the session.

The session ended with Vote of Thanks by Mrs. R. Rajalakshmi, Associate Professor, Department of Information Technology, KASC.

Seven Day STTPon
CYBER SECURITY AND THREAT LANDSCAPE

The School of Computer Science of Kongunadu Arts and Science College and Kongu Arts and Science College in collaboration with National Cyber Safety and Security Standards (NCSSS) jointly organized a seven days STTP on CYBER SECURITY AND THREAT LANDSCAPE from 15.3.2022 to 22.3.2022 at 6.00 pm to 7.00 pm through online mode using Microsoft Teams. The Programme started with Prayer song **by T. Anushuya** of II B.Sc (IT).

Dr. T. Mythili, Dean, School of Computer Science welcomed the gathering. She introduced the Chief guest of the day **Dr.E.Khalieraaj**, Director General, National Cyber Safety and Security Standards, New Delhi.

Dr. M.Lekeshmanaswamy, Principal, Kongunadu College of Arts and Science College (Autonomous), Coimbatore delivered the Presidential address. During his address he motivated and congratulated the organizers of the programme for selecting the theme of the event as “Cyber security” that is need of the hour.

Inaugural address was delivered by **Dr. N.Raman**, Principal, Kongu Arts and Science College, Erode. He wishes the organizers a successful completion of the event.

This was followed by felicitation by **Dr.Madhan Shankar**, Dean Academics, Kongunadu College of Arts and Science College (Autonomous), Coimbatore. He added that the MoU signed with both the institutions along with National Cyber Safety and Security Standards (NCSSS) played the foundation for this event.

Nearly more than 380 participants among 28 colleges were participated in this programme.

Day 1(15.03.2022)

The first day of STTP on Cyber Security and Threat Landscape started on 15.03.2022 at 6.00 pm. The Chief guest of the day **Dr. E. Khalieraaj**, Director General, National Cyber Safety and Security Standards, New Delhi delivered his special address on “**Cyber Security-Importance in modern world**”.

He stated that: The objective of the program is to create awareness on Cyber Security and Information Security to Faculty and Students and in turn improve resource persons to create awareness to the entire nation. As all the transactions were made online everyone need to be adapted to online and in turn to be updated on security in online.

He added that People of India are not aware of Data that are more sensitive than money. He recommended many ideas for Android security such as not using personal mail-id in mobile phones, changing passwords (financial & personal) frequently, not uploading personal information in social Medias and switching off internet when not needed. He also added information on skimmer and camera in ATM machines and cloning using Big Data Analytics.

The speaker made the entire session very informative and concluded that Cyber security is the need of the Nation as many countries are trying to down speed the growth of India using internet.

At the discussion of Queries there were questions regarding Proton Mail, Hacking of Clouds and Cloud security and that was very well responded by the Speaker.

Finally at the end Mr.B.Manogaran, Associate Professor, Department of Computer Science delivered the Vote of Thanks and ended the First day session of the Seven Day STTP.

Day 2 (16.03.2022)

The second day of STTP on Cyber Security and Threat Landscape started on 16.03.2022 at 6.00 pm. Ms. R. Rajalakshmi, Assistant Professor, Department of Information Technology, KASC, delivered the welcome address and Introduced the guest of the day, Mr.GowthamKrishnamoorthy, Founder & CEO, NutzTechnovationPvt. Ltd, Erode, delivered his special address on **Crypto Currency and Block Chain Technology**.

Takeaways from Mr.GowthamKrishnamoorthy

- Online Transactions using Crypto currency – Usage and limitations
- Crypto currency and its types – Bitcooin, Ethereum (ETH), Cardano (ADA), Polkadot (DOT), Stellar (XLM)
- Crypto Networks -Promising and ambitious attempt yet to reset industry structure and wrestle control from the closed platforms.

- Crypto tokens – A virtual currency token or a denomination of a cryptocurrency.
- NFT, Metaverse, DeFi – Types of Crypto Currency

Second Day STTP was concluded with a vote of thanks given by Ms. N. Paviyasre, Assistant professor, Department of Information Technology, KASC.

Day 3 (17.03.2022)

The third day of STTP on Cyber Security and Threat Landscape started on 17.03.2022 at 6.00 pm. Ms. M. Lalithambigai, Assistant Professor, Department of Computer Applications, KASC, delivered the welcome address and Introduced the guest of the day. Dr. S. Lakshmanaprakash, Assistant Professor, Bannari Amman Institute of Technology, Sathayamangalam Erode, who delivered a special address on Kali Linux and Termux Overview.

Takeaways from Dr. S. Lakshmanaprakash

- Kali Linux – Commands and Usage.
- Kali -contains several hundred tools which are geared towards various information security tasks, such as Penetration Testing, Security research, Computer Forensics and Reverse Engineering.
- Linux - a more secured OS to use than Windows and Linux has good performance.
- Aircracking - a tool that comes pre-installed in Kali Linux and is used for Wifi network security and hacking
- Termux - an open-source terminal emulator application that works on Android devices.
- The git clone- a command-line utility which is used to make a local copy of a remote repository.

Third Day STTP was concluded with a vote of thanks given Ms. K. Yemunarane, Assistant professor, Department of Computer Applications, KASC.

Day 4 (18.03.2022)

The fourth day of STTP on Cyber Security and Threat Landscape started on 18.03.2022 at 6.00 pm. Ms. D. Princy, Assistant Professor, Department of Computer Technology, KASC,

delivered the welcome address and Introduced the guest of the day, Mr. Shyam Sundar Ramaswami

Senior Research Scientist, TEDx Speaker, CISCO, Bengaluru delivered special address on Nuts and Bolts of Threat Hunting.

Takeaways from Mr. Shyam Sundar Ramaswami

- Threat hunting – Cyber threat hunting is a proactive security search through networks, endpoints, and datasets to hunt malicious, suspicious, or risky activities that have evaded detection by existing tools.
- Types of hunting – Structured and Unstructured.
 - Structured - Structured hunting. A structured hunt is based on the IoA and tactics, techniques and procedures (TTPs) of an attacker.
 - Unstructured - An unstructured hunt is initiated based on a trigger.
- YARA and its rules - YARA rules classify and identify malware samples by creating descriptions of malware families based on textual or binary patterns. We can use Yara rules to define text or binary patterns that will match a file or component of a file to quickly find malicious files
- YARA is Open source tool and he shows the how to install the YARA.

Fourth Day of STTP was concluded with a vote of thanks given by Mr. B. Rajkumar, Associate professor, Department of Computer Science, KASC.

Day 5 (19.03.2022)

The fifth day of STTP on Cyber Security and Threat Landscape started on 19.03.2022 at 6.00 pm. Ms. N. Kalaivani, Associate Professor, Department of Computer Science, KASC, delivered the welcome address and Introduced the guest of the day, Ms. A. Abirami, Assistant Professor,

Bannari Amman Institute of Technology, Erode, delivered his special address on Dark Web and Tor.

Takeaways from Ms. A. Abirami

- Dark web functions and its usages.
- Dark web - a subset of deep websites that cannot be accessed using a regular internet browser, requiring encryption or specialty software.

- Tor vs VPN - Tor relies on a decentralized layer of independent nodes to transfer data securely, while VPN software connects to a central server to provide a secure VPN tunnel.

Fifth Day of STTP was concluded with a vote of thanks given by Mr. S. Karthikeyan,, Assistant professor, Department of Information Technology, KASC.

Day 6 (21.03.2022)

The sixth day of STTP on Cyber Security and Threat Landscape started on 21.03.2022 at 6.00 pm. Dr. A. Indumathi, Associate Professor, Department of Computer Applications, KASC, delivered the welcome address and Introduced the guest of the day, Dr.Harihara Gopalan, Associate Professor, Department of Computer Science &Engg, Sri Ramakrishna Engineering College, Vattamalaipalayam, Coimbatore who delivered a special address on Network Forensics .

Takeaways from Dr.Harihara Gopalan

- Network Forensics
- Investigation of theft data
- Attacking with malicious information over an email or find path to attack remote machine
- Ransomwares - is a type of malware that prevents or limits users from accessing their system, either by locking the system's screen or by locking the users.

Sixth Day of STTP was concluded with a vote of thanks given Ms. G. Vani, Assitant professor, Department of Information Technology, KASC.

Day 7 (22.03.2022)

The seventh day of STTP on Cyber Security and Threat Landscape started on 22.03.2022 at 6.00 pm. Dr. M. Jagadheeswari, Assistant Professor, Department of Computer Science, KASC, delivered the welcome address and introduced the guest of the day, **Mr. Dinesh Paranthagan**

Founder & CEO, Hackup Technology Pvt. Ltd., Coimbatore who delivered a special address on **Cyber Safety and Security Standards**

Dr. M.Lekeshmanaswamy, Principal, Kongunadu College of Arts and Science College (Autonomous), Coimbatore delivered the validictory address. During his address he motivated and congratulated the organizers of the programme and the participants, who enriched this successful program.

Takeaways from Mr. Dinesh Paranthagan

- Social media Networking - He explains about parental controlling of digital device
- Nodal Mail – Prevention of Social Media hackers
- Privacy Violation in social media – Issues
- Remove Personal Information from Google

Seventh Day of STTP was concluded with a vote of thanks given Ms. D.Hemalatha, Assistant professor, Department of Computer Technology, KASC.

KONGUNADU ARTS AND SCIENCE COLLEGE [Autonomous]

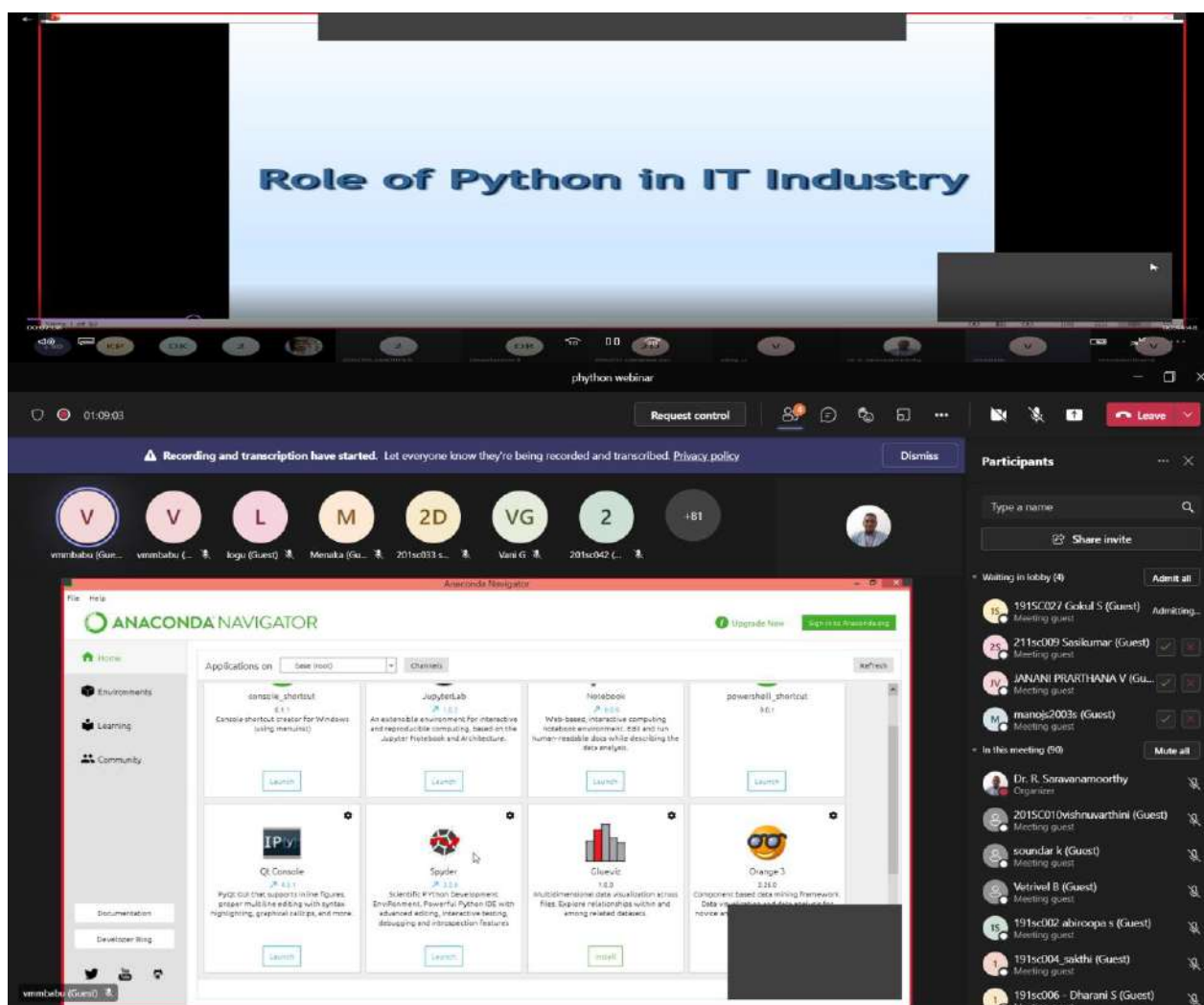
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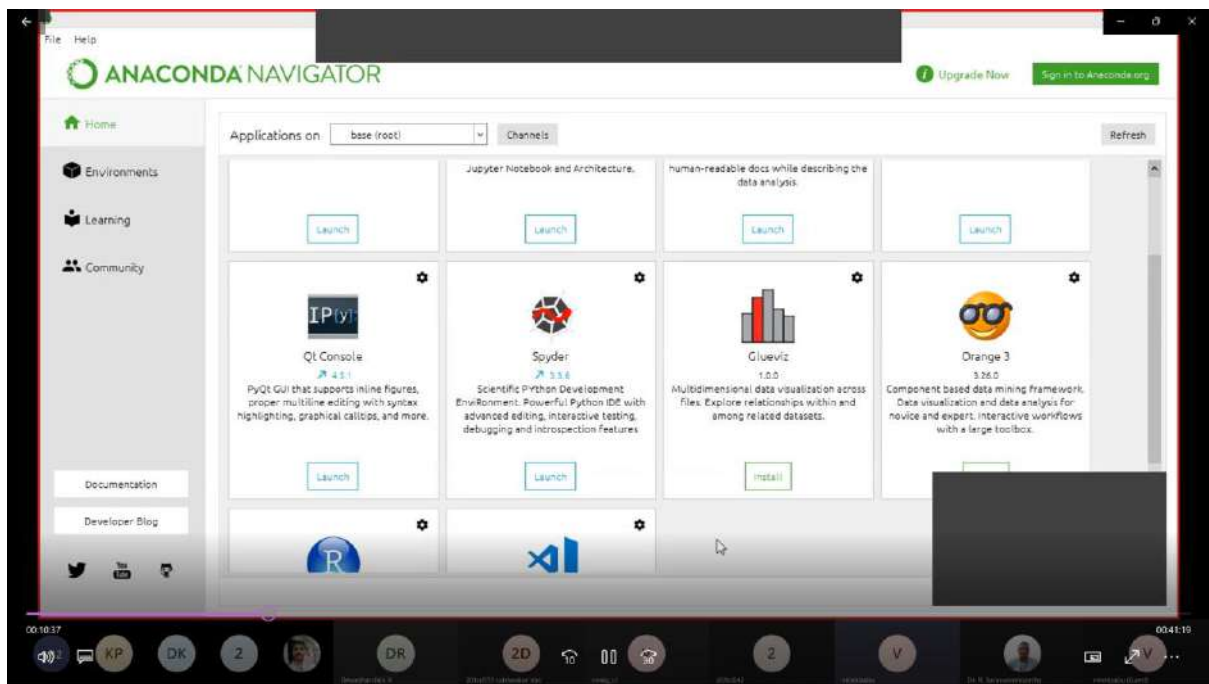
DEPARTMENT OF COMPUTER SCIENCE (PG)

Report

Webinar on PYTHON LANGUAGE AND ITS ROLE IN IT INDUSTRY

A Webinar on **PYTHON LANGUAGE AND ITS ROLE IN IT INDUSTRY** was Organized by Department of Computer Science [SF] on 2.03.2022 at 3.00 pm. The session was handled by **Mr.V.Mohana Maniganda Babu**, Research & operations Manager QBIT Technology-Coimbatore, discussing about Python language and impact of it with IT industry and their Applications in IT sectors. Around 126 Students and Staff from UG and PG Department of Computer Science attended the session and benefited.





python webinar

01:09:03

Recording and transcription have started. Let everyone know they're being recorded and transcribed. Privacy policy

Participants

Type a name

Share invite

Waiting in lobby (4)

191SC027 Gokul S (Guest) Admitting...

211sc009 Sankumar (Guest) Meeting guest

JANANI PRARTHANA V (Guest) Meeting guest

manoj2003s (Guest) Meeting guest

In this meeting (90)

Dr. R. Saravananmoorthy Organizer

201SC010vishnuvarthini (Guest) Meeting guest

soundar k (Guest) Meeting guest

Vetrivel B (Guest) Meeting guest

191sc002 abhiroop s (Guest) Meeting guest

191sc004_sakthi (Guest) Meeting guest

191sc006 - Dharani S (Guest) Meeting guest

ANACONDA NAVIGATOR

Applications on base root Channels

conda_shortcut 6.1.1 Console shortcut creator for Windows (using manifests) LAUNCH

JupyterLab 2.1.1 An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and architecture. LAUNCH

Notebook 2.1.1 Web-based, interactive computing notebook environment. Edit and run human-readable code while describing the data analysis. LAUNCH

powershell_shortcut 1.0.1 LAUNCH

Qt Console 4.3.1 Python GUI that supports inline figures, proper multi-line editing with syntax highlighting, graphical call tips, and more. LAUNCH

Spyder 3.2.2 Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features. LAUNCH

Glueviz 1.8.2 Multidimensional data visualization across files. Explore relationships within and among related datasets. INSTALL

Orange3 3.20.0 Component-based, data mining framework. Data visualization and data exploration. LAUNCH

Introduction

Running Python

Python Programming

- Data types
- Control flows
- Classes, functions, modules

00:16:13

00:15:43

KONGUNADU ARTS AND SCIENCE COLLEGE

And

ISCA Sponsored SEMINAR

Awareness on use of social media for sustainable Education and Empowerment



Estd.1973



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ISCA Sponsored
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**Awareness on use of social media for
sustainable Education and Empowerment**



Mr. A. Gnanasekar
Data Architect,
IBM,
Coimbatore, India.

Date: 10th March 2022

Time: 2.30 pm to 4.00 pm

Dr.C.A.Vasuki
Secretary & Director
Convenor, ISCA Coimbatore Chapter

Dr.M.Lekshmanaswamy
Principal

Dr.S.Paulsamy
Dean, Research and Development

Dr.S.R.Madhan Shankar
Dean, Academics

Dr.S.Mythili
Dean, Computer Science

Dr. K. Karthika
Members, ISCA Coimbatore Chapter

Dr. K.Saminathan
Members, ISCA Coimbatore Chapter

Dr. R.T. Narendhirakannan
Members, ISCA Coimbatore Chapter

Organized by
DEPARTMENT OF COMPUTER SCIENCE (SF)

Venue : Greenfields Matriculation School , GN Mills , Coimbatore -29, Tamilnadu.



Kongunadu Arts and Science College



(**Autonomous**)
Re-accredited by NAAC with 'A+' Grade (4th Cycle)
(Affiliated to Bharathiar University)

College of Excellence (UGC)
Coimbatore - 641 029, Tamilnadu

AGENDA

Date : 10-03-2022

Time : 2.30 pm to 4.00 pm

Venue : Greenfields Matriculation School , GN Mills, Coimbatore -29, Tamilnadu.

Inaugural Address : Dr.C.A.Vasuki

Secretary and Director
Konugnadu Arts and Science College
Coimbatore – 641 029

Presidential Address : Dr.M.Lekeshmanaswamy

Principal
Konugnadu Arts and Science College
Coimbatore – 641 029

Felicitation Address : Dr.S.Paulsamy

Dean, Research and Development
Konugnadu Arts and Science College
Coimbatore – 641 029

Key Note Address : Mr.A.Gnanasekar

Data Architect
IBM
Coimbatore

Vote of Thanks : Dr.R.Saravana Moorthy

Head, Associate Professor
Department of Computer Science (UA)
Konugnadu Arts and Science College
Coimbatore – 641 029

**A Report for on Awareness on use of social media for sustainable
Education and Empowerment-10th March 2022
With
Indian science congress Association (ISCA)**

ISCA Sponsored for the Department of Computer Science(SF) for the School students of Green field Matriculation School, G.N.Mills Coimbatore-29, with the aim to enrich the participants with leveraging the usefulness of Social Media. The session with the end to end Real time example was delivered by Resource person **Mr.A.GANASEKAR** from IBM, Bangalore.

The session began with the welcome of the dignitaries and the student participants with the prayer song. Dr.R.Saravanamoorthy - HOD, Department of Computer Science (SF) delivered the welcome address and Mr.B.Manogaran Senior faculty, Department of Computer Science (SF), presided over the session with the brief of the genesis of our esteemed Institution concealed around the insightful thoughts on the significance of the seminar, enthusing the participants, comprising professors, assistant professors, students and staffs for their involvement and also wished the success of the event organized by the departments.



Welcome Address by Dr.R.Saravana Moorthy, Head, Department of Computer Science(SF)



The resource person was honored by Mr.B.Manogaran Senior faculty, Department of Computer Science (SF).



The resource person was honored by Mr.Herald, Correspondent of Green field matriculation school.



Technical Sessions by Resource Person Mr.A.GANASEKAR - IBM

This seminar address with social media awareness by Resource person Mr.A.GANASEKAR from IBM, Bangalore., hands-on practice for the using social media applications from their basics and their technical citations made students pay their attention and made them more interactive.



In his session, he went through from the basics social media essential to develop a good ideas, within the limited time sequence and their application in the real-time world examples.

The seminar ended up the sessions with “How to make an Social media more Interactive!” So it paved a clear and consistent path on how an how not to use social media that could be more creative and professional for school students.



Vote of thanks for Resource person

The ultimate outcome of the Seminar was the student participants with concocted and new ideas vital for their role in using Social media.

The beneficiaries of the Seminar were the students' participants of Higher secondary class of Green Field School. **250 participants** were the beneficiaries with the takeaways from the Seminar on **Awareness on use of social media for sustainable Education and Empowerment.**

Kongunadu Arts and Science College (Autonomous)

Coimbatore-29.

Department of Chemistry

Report On The Webinar on “Innovations and Designing of Future” – 14.05.2022

The PG & Research Department of Chemistry organized a webinar on “**Innovations and Designing of Future**” in association with KASC-Institution Innovation Council **14th May 2022**. Around 45 participants attended the webinar and got benefited.

The chief guest of the programme was Dr. D. Karunanithi, Deputy General Manager, WTC Lab, Larsen and Toubro Limited, Chennai. He gave a wonderful guidance on career opportunities after post graduation. The webinar started with a prayer song. **Dr. K. Kalpanadevi**, Associate Professor & Head, PG & Research Department of Chemistry delivered the welcome address. The presidential address was given by **Dr. M. Lekeshmanaswamy**, Principal.

The workshop ended with the valedictory function. Vote of thanks was given by **Dr. G. Vadivelan**, Organizing Secretary of the webinar.



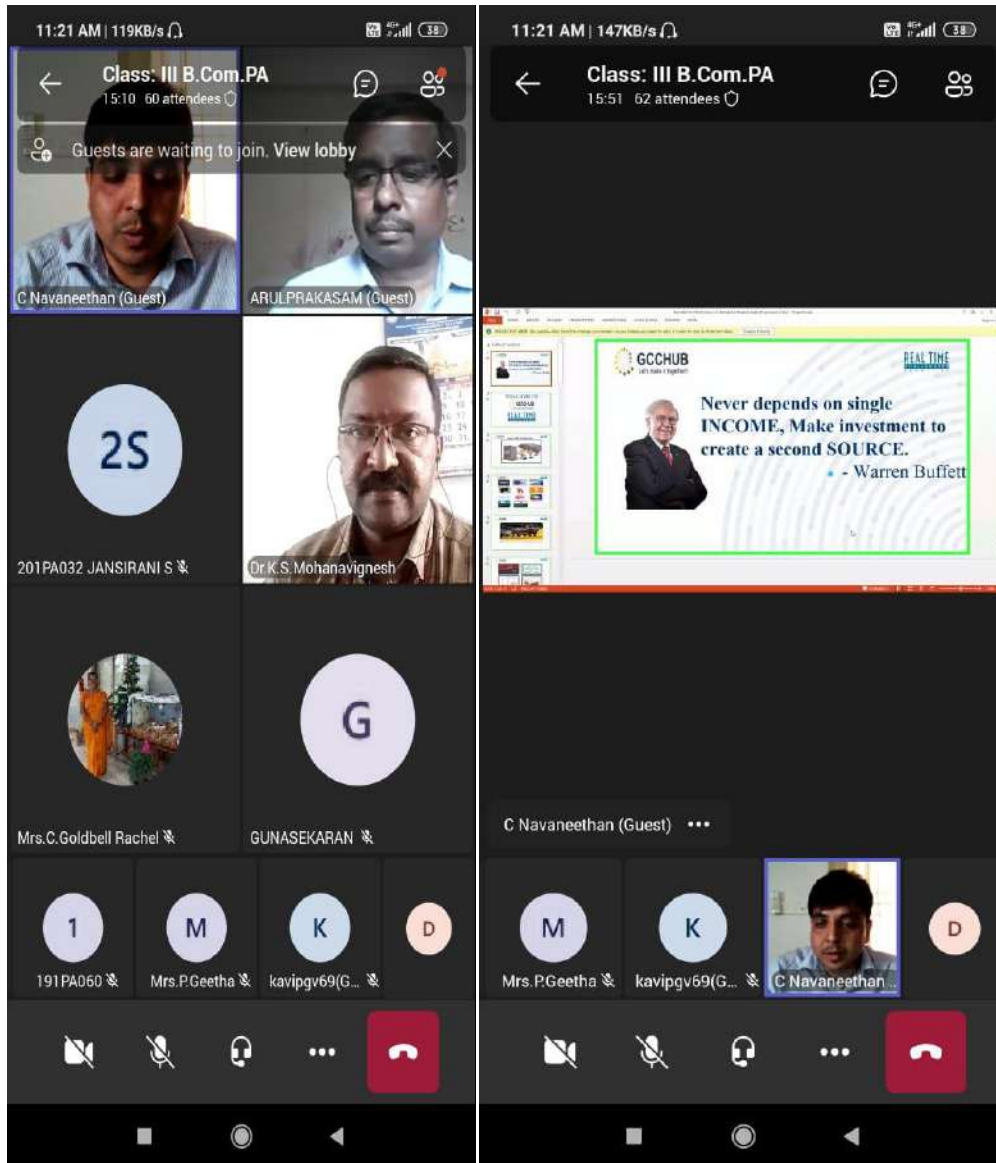
**Kongunadu Arts and Science College (Autonomous),
Coimbatore – 641 029.**

Department of Commerce with Professional Accounting

Webinar on 'BLOCK CHAIN & CRYPTO AWARENESS'

on 22.03.2022 at 11.00 AM

-Report-



Department of Commerce PA of KASC have conducted a webinar on Awareness programme on Block Chain & Crypto Awareness on 22.03.2022 at 11.00 AM. Mr. C.Arul Prakasam & Mr.C.Navaneetha Krishnan, Consultant and Trainer, Crypto Assets, Coimbatore was the Chief Guest of the programme. He explained the need and importance of Crypto Assets in India. Most of them have awareness about the share market, mutual funds but very few of them only have the knowledge of crypto market. In the above market the price of the crypto assets are pre fixed and it has been sold in future. This art of fixation of price will control the inflation level in future. Measures taken by the Government to control the rise in prices of various crypto and to sell in future for the reasonable price due to that buyers and sellers will not be affected. Demand for the products will be stable and mechanism of price changes leads the empowerment in our country. Our Government has not given the legal approval for crypto currency.

He explained about the various roles played by the Crypto industry in India. How effectively the business should be done and the changes to be made by the government and the businessmen for this digital currency. Students should know about the awareness of this market and there is a good career opportunity for the students in this field.

Dr.K.S.Mohanavignesh welcomed the gatherings. Dr.T.Jayakumar delivered presidential address. Dr.B.Divyapriya proposed vote of thanks and totally 200 students & scholars benefited out of the programme.

**Kongunadu Arts and Science College (Autonomous),
Coimbatore – 641 029.**

Department of Commerce with Professional Accounting

Workshop on ‘Income Tax Filing’

on 11.03.2022 at 08.30 AM

-Report-



Department of Commerce PA of KASC have conducted a Workshop on Income Tax filing on 11.03.2022 at 08.30 AM. Mr. Venkatraman, HR Kalvi Insitute & Mr.Hariraj, Trainer, Kalvi Institute, Coimbatore was the Chief Guest of the programme. He explained the need and importance of Tax filing in India. Most of them have

awareness about the accounting and taxation, but very few of them only have the knowledge of Income Tax filing with GST. In the above he explained about how to file the income tax returns and the process of filing system through hands on training. Our students worked out practically and gained knowledge how to do the income tax filing. This helps them in their future career.

He explained about the taxation system in India and how the government is taking measures to collect the tax from the public and the duty of each and every citizen to pay the income tax promptly to the government. Further he explained about the various job opportunities available in this industry.

Dr.K.S.Mohanavignesh, Associate Professor and Head, welcomed the gatherings.. Dr.S.Rajam, Associate Professor proposed vote of thanks and totally 150 students benefited out of the programme.

Kongunadu Arts and Science College (Autonomous)

Coimbatore-29.

Department of Commerce (PG & Research) and Commerce (PA)

The Department of Commerce (PG & Research) and Commerce (PA) of Kongunadu Arts and Science College organized a seminar on the implications of GST in Modern Business.



K .Vijaya Krishna Velan, Joint Commissioner, GST and Central and Customs, Excise, Coimbatore was the resource person. He started with an introduction to direct and indirect taxes and covered the various types of GST i.e CGST, SGST, IGST.

At the event, T. Jayakumar, Dean, School Of Commerce and Management of the college suggested that if tax on agriculture is not levied, the profit can be directly enjoyed by the farmers, and this can be considered.

Earlier, K.MohanaVignesh, Associate Professor & Head, Department Of Commerce PA & PG welcomed the gathering, and at the end of the event, Rajam, Associate Professor, Department of Commerce (PG & Research) and Commerce(PA) proposed the Vote of Thanks. More than 300 students attended this program.