

தமிழ்த்துறை அறிக்கை (2021 - 2022)

முனைவர் கு. சிவகாமி
தமிழ்த்துறைத் தலைவர்

மாணவர்கள்

1. 26.10.2021ஆம் தேதி திருமங்கலம் காவல் சரகமும் மற்றும் கொ.கந்தசாமி நாயுடு ஆடவர் கல்லூரியும் இணைந்து காவல் பணியின் போது உயிர் நீர்த்த காவலர்களுக்கான வீரவணக்க நாளை முன்னிட்டு கலை நிகழ்ச்சிகள் நடத்தப்பட்டன. மேற்கு மண்டல இணை ஆணையர் திருமதி. ராஜேஸ்வரி இ.கா.ப. தலைமை வகித்தார்கள். நம் கல்லூரியின் முதல்வர் முனைவர் ப. முருகசுத்தன் அவர்கள் சிறப்பு விருந்தினராகப் பங்கு கொண்டார்கள். தமிழ்த்துறைத் தலைவர் முனைவர் கு.சிவகாமி அவர்கள் வரவேற்புரையாற்றினார். நம் கல்லூரி மாணவர்கள் மல்லல் கம்பம் நிகழ்ச்சி நடத்தினார்கள். காவல் துறை நடத்திய பேச்சுப் போட்டியில் வெற்றி பெற்ற குணசேகரன் என்ற வேதியியல் துறை மாணவருக்கு தமிழ்த்துறையின் சார்பாக புத்தகங்கள் பரிசாக வழங்கப்பட்டன.

ஒருங்கிணைப்பாளர்கள்: முனைவர் கு.சிவகாமி, முனைவர் பிரதீப் குமார் வெ, முனைவர் செ. செந்தில் குமார், முனைவர் வ. பாக்கியராஜ்

2. 04.01.2022 பாரதியார் பிறந்த நாளை முன்னிட்டுத் தமிழக அரசு நடத்திய கட்டுரைப் போட்டியில் பங்குபெற்ற மாணவர்களின் விபரம்:
 1. பச்சையப்பன் - இயற்பியல்துறை மூன்றாம் ஆண்டு
 2. பத்மநாபன் - இயற்பியல்துறை மூன்றாம் ஆண்டு

ஒருங்கிணைப்பாளர்கள்: முனைவர் கு.சிவகாமி, முனைவர் வெ. பிரதீப் குமார்

3. 06.03.2022 அன்று, புதுக்கல்லூரியில் நடைபெற்ற மாநில சிறுபான்மையினர் ஆணையம், தமிழ்நாடு அரசு நடத்தும் அனைத்துக் கல்லூரி மாணவர்களுக்கான

பேச்சுப்போட்டி 2022 இல் நமது கல்லூரியின் சார்பாகப் பங்கேற்றுச் சிறப்பித்த மாணவர்கள் விபரம் பின்வருமாறு:

1. ம.சிவசங்கர் - வணிகவியல்துறை மூன்றாம் ஆண்டு

2. ஏ.குணசேகரன் - வேதியியல் துறை இரண்டாம் ஆண்டு

4. பச்சையப்பன் அறக்கட்டளை நிர்வாகத்தின் அறிவுறுத்தலின்படி வள்ளல் பச்சையப்பரின் 228 ஆவது நினைவுதினப் புகழஞ்சலி நிகழ்ச்சி கொண்டவாரு கந்தசாமி நாயுடு ஆடவர் கல்லூரியில் 31.03.2022 வியாழக்கிழமை அன்று காலை 9:00 மணிக்கு நிகழ்ச்சி தொடங்கப்பட்டது. தமிழ்த்துறைத் தலைவர் முனைவர் கு.சிவகாமி அவர்கள் வரவேற்புரை வழங்கினார். கல்லூரி முதல்வர் முனைவர் ப.முருகசுத்தன் அவர்கள் தலைமையுரை வழங்கினார். சிறப்பு விருந்தினர் முனைவர் சு.கிருஷ்ணசாமி, உறுப்பினர்செயலாளர், தமிழ்நாடு மாநில உயர்கல்வி மன்றம், மேனாள் பேராசிரியர், வரலாற்றுத்துறை, பச்சையப்பன் கல்லூரி, சென்னை அவர்கள் பச்சையப்பரைப் பற்றி பல அரிய தகவல்களை வழங்கியதோடு மாணவ மாணவிகளை ஊக்கப்படுத்தக்கூடிய வகையிலும் வேலை வாய்ப்பு பெறுவதற்கான வழிமுறைகளையும் எடுத்துக்கூறிச் சிறப்புரை வழங்கினார்கள்.

வள்ளல் பச்சையப்பர் மற்றும் கொண்டவாரு கந்தசாமி நாயுடு அவர்களின் திருவுருவப்படங்களைத் திறந்து வைத்தார். காலை மற்றும் மாலை நேர மாணவ மாணவிகளுக்கு வள்ளல் பச்சையப்பரைப் பற்றிய பேச்சுப்போட்டி, கட்டுரைப் போட்டி, கவிதைப் போட்டி, ஓவியப் போட்டி ஆகியவை நடத்தப்பட்டு வெற்றிபெற்ற மாணவர்களுக்கு விழா அன்று பரிசுகள் வழங்கப்பட்டன. மாலை நேரக் கல்லூரிப் பேராசிரியர் முனைவர் உமா அவர்கள் நன்றியுரை வழங்கினார்.

5. உலக படைப்பாற்றல் மற்றும் புதுமைகள் நாள் நிகழ்வு ஓரிகாமி என்னும் காகித மடிப்புக் கலைப் பயிற்சிப் பட்டறை 11.04.2022 வியாழக்கிழமை கல்லூரி அரங்கத்தில் நடைபெற்றது. காலை பத்து மணிக்குத் தமிழ்த்தாய் வாழ்த்துடன் தொடங்கிய நிகழ்வில் தமிழ்த்துறைத்தலைவர் முனைவர் கு.சிவகாமி அவர்கள் வரவேற்புரையாற்றினார். முதல்வர் முனைவர் ப.முருகசுத்தன் அவர்கள்

தலைமையுரை ஆற்றினார். சிறப்பு விருந்தினர் மற்றும் பயிற்றுநர் திரு வெங்கட் அவர்கள் காகித மடிப்புக் கலைப் பயிற்சியளித்தார். மாணவர்கள் சிறந்த முறையில் அக்கலையினைக் கற்றுக்கொண்டனர். தமிழ்த்துறையின் உதவிப்பேராசிரியர் முனைவர் செ. செந்தில் குமார் அவர்கள் நன்றியுரை வழங்கினார்.

6. 03.06.2022 அன்று தமிழக அரசுக்கல்லூரி கல்வித்துறை நடத்திய முத்தமிழறிஞர் கலைஞர் பிறந்த தினம் பேச்சுப் போட்டி பாரதி மகளிர் கல்லூரியில் நடைபெற்றது. அதில் வணிகவியல் துறை மாணவர் ம.சிவசங்கர் முதல் பரிசு பெற்றுள்ளார். அதற்கு ரூ.5000 பணமும் சான்றிதழும் வழங்கப்பட்டன.

ஆண்டு விழாவில் தமிழ்த்துறை சார்பாக போட்டிகள் நடத்தப்பட்டது. போட்டிகளில் வெற்றி பெற்ற மாணவர்களுக்கு பரிசுகள் வழங்கப்பட்டது. குறிப்பாக தமிழ்த்துறையின் சார்பாக “தமிழ்த்துறை விருது” என்ற பரிசு இந்தக் கல்வி ஆண்டில் (2021 - 2022) சிறப்பாக பல போட்டிகளில் கலந்து கொண்ட வணிகவியல் துறை மாணவர் ம.சிவசங்கர் அவர்களுக்கு கோப்பை, சான்றிதழ் மற்றும் புத்தகங்கள் பரிசாக வழங்கப்பட்டன.



கலைநிகழ்ச்சிக் குழு அறிக்கை 2021 - 2022

1) 17.09.2021 அன்று பெரியார் பிறந்தநாளை முன்னிட்டு தமிழ்நாடு கலை இலக்கிய பெருமன்றம் நடத்திய போட்டிகள்

1. வாசகம் எழுதும் போட்டியின் மூன்று மாணவர்கள்
2. ஓவியப் போட்டியில் இரண்டு மாணவர்கள்
3. கட்டுரைப் போட்டியில் மூன்று மாணவர்கள்

என மொத்தம் எட்டு மாணவர்கள் நம் கல்லூரியிலிருந்து போட்டியில் கலந்து கொண்டனர்.

ஒருங்கிணைப்பாளர்கள்: முனைவர் கு.சிவகாமி, திருமதி S. அர்ச்சனா.

2) 29.09.2021 அன்று மழைநீர் சேகரிப்பின் அவசியம் பற்றி மாணவர்களுக்குத் தமிழக அரசு நடத்திய கட்டுரைப் போட்டி, ஓவியப்போட்டி, வாசகம் எழுதும் போட்டி ஆகிய போட்டிகளில் பங்குபெற்ற மாணவர்கள்.

1. விக்னேஷ் வெ.
2. சந்தோஷ் கு.
3. சீனிவாசன் ஜெ.
4. தினகரன் G.
5. சந்தோஷ் கு.
6. இளவரசன் உ.
7. முரளிதரன் C.
8. சீனிவாசன் J.

3) 30.09.2021 அன்று அடையார் புற்றுநோய் மருத்துவமனை நிகழ்த்தும் மாணவர்களுக்கான போட்டிகள்

1. கட்டுரைப் போட்டியில் ஐந்து மாணவர்கள்
2. கவிதைப் போட்டியில் ஐந்து மாணவர்கள்
3. ஓவியப் போட்டியில் மூன்று மாணவர்கள்
4. வாசகம் எழுதும் போட்டியில் மூன்று மாணவர்கள்
5. போஸ்டர் உருவாக்குதல் போட்டியில் ஒரு மாணவர்
6. மீம்ஸ் உருவாக்குதல் போட்டியில் ஒரு மாணவர்

என மொத்தம் பதினெட்டு மாணவர்கள் நம் கல்லூரியிலிருந்து போட்டியில் கலந்துகொண்டனர்.

ஒருங்கிணைப்பாளர்கள்: முனைவர் கு.சிவகாமி, திருமதி S. அர்ச்சனா.

4) 02.10.2021 அன்று தமிழ் வளர்ச்சித்துறையின் சார்பாக மாணவர்களுக்கான பேச்சுப்போட்டி மாநிலக் கல்லூரியில் நடத்தப்பட்டது. அதில் பங்குபெற்ற மாணவர்கள்

1. சிவசங்கர் ம, வணிகவியல்துறை - மூன்றாம் ஆண்டு
2. யுவன் சங்கர் ராஜா வ, கணிதவியல்துறை - இரண்டாம் ஆண்டு

5) 13.10.2021 அன்று சொல்லின்தாய் விருதுக்காக மூன்றாமாண்டு வணிகவியல்துறை மாணவர் ம.சிவசங்கர் எழுதிய 10 கலைச்சொற்கள் (RJD) சென்னை மாவட்டக் கல்லூரி கல்வி இயக்ககத்திற்கு அனுப்பப்பட்டன.

6) தமிழ் வளர்ச்சித்துறையின் சார்பாக ஜவகர்லால் நேருவின் பிறந்தநாளை முன்னிட்டு பாரதி மகளிர் கல்லூரியில் பேச்சுப் போட்டி நடைபெற்றது. பங்குபெற்ற மாணவர்களின் விவரம்

1. சிவசங்கர் ம, வணிகவியல் துறை மூன்றாம் ஆண்டு
2. குணசேகரன் ஏ, வேதியியல் துறை இரண்டாம் ஆண்டு

இவர்களில் ஏ. குணசேகரன் என்ற மாணவர் மூன்றாம் பரிசினைப் பெற்றுள்ளார்.

ஒருங்கிணைப்பாளர்கள்: முனைவர் கு.சிவகாமி, முனைவர் வெ.பிரதீப் குமார்.

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CHENNAI-600102
DEPARTMENT OF ENGLISH**

One of the major concern of the English department is to foster the growth of the students and enhance their English language. Our department staff are devoted to develop the students in various language skills such as listening speaking, writing and reading. The students are encouraged to imbibe these qualities by working collectively in the classroom on exercises, activities, role play, group discussion, presentation and grammar skills.

In commemoration of 228th anniversary of **Vallal Pachaiyappar**, an Essay Competition was conducted on 31.03.2022 to make students remember the life of Pachaiyappar. Students enthusiastically participated and best essay were chosen and prizes were given.

On 4th May 2022, Department of English has organized cultural competition in which students from all the departments actively participated in all the events such as mobile photography, short film making, face painting, poster making, Spell Bee and Essay writing. Students who won the competition were given certificates and prizes.

Mobile photography competitions create opportunities for aspiring young photographers and to exhibit their skills.

The Theme of the contest was Nature and May Day. Totally ten students participated in the competition and showcased their creativity. Best Photos were selected on the basis of their Composition and subject.

Short film Making recognizes short-form works with a unique cinematic way and a confident handling of chosen theme and content. It helps to presents an authentic exploration of a topic, person, place, or theme in a short duration. Four students participated and took film in various themes such as Covid Awareness, The Life of a Fisherman, Importance of Education and Why to Avoid using Cell phones. The Prize Winners were short listed on the basis of Genius storytelling, Amazing written concept, Strong cinematography and Flawless editing.

Face painting event aimed at providing a motivation to the young minds by providing them a platform to portray their artistic skills in the form of creative face paintings. The main theme was save water and global warming. The main criteria of judgment were overall appearance/ clarity of message conveyed, neatness, color combination, creativity/ new ideas and explanation.

Poster making competition aims to bring out the creative expression of students and to gauge their knowledge and awareness about nature and how to preserve it and is not just to judge the students based on their creative aspects but also to trigger thought process among the students towards nature and its importance.

Impromptu Speech is a public speaking event where students have seven minutes to select a topic, brainstorm their ideas, outline the speech, and finally, deliver the speech. The speech is given without notes and uses an introduction, body, and conclusion. Five students participated and spoke on the topic, "Great Leaders of the World and their Inspiring Journey". Winners were selected using the parameters of Knowledge, Originality, Organization, Utilization of time Voice Fluency, Body Language and Eloquence

Essay Writing Competition was organized with a purpose to develop writing skills amongst students. This Skill

expresses who we are as individuals as writing makes our ideas, thoughts, and memories visible. The Topic given for writing is Mothers Love or Nature. The selection criteria based on understanding of the topic, insights into the subject, organization of ideas, originality, and style of writing.

Spell Bee Competition is an ingenious way to impart English language skills within students. The healthy competitive spirit motivates the students to learn on their own without any compulsion. This self based learning improves retention and results in a systematic and structured understanding of the English language. Further the competition had built self confidence and the game activity ensures that the student have rapt attention and utilize their aspirations for winning the game. Totally 15 students participated and there were three rounds.

Students who won the competition were given certificates and prizes.





DEPARTMENT OF MATHEMATICS

Report 2021-2022

With the blessing of the Founder of the Trustee Vallal Pachaiyappa Mudaliar and the Founder of the College C.Kandaswami Naidu Garu, Department of Mathematics organized a National Webinar on 22.12.2021 to honor 134th Birth Anniversary of an Indian Mathematician **Sri. Srinivasa Ramunujan. Dr.C.Annal Deva Priya Darshini**, Assistant Professor, Department of Mathematics, Madras Christian College delivered a Lecture on “**Recreational Mathematics**”. More than 113 participants benefited by the Webinar. The Convener **Dr.Kanianoor Balakrishnan Latha**, Organizing Secretary Dr.P.Sumathi and the Organizing Committee members are Dr.K.Kalpana, Mr.V.Somasundaram and Ms.G.Priscilla.

Mr.S.Sriman of III.B.Sc, Mathematics won the Gold, under the 100kg Category in National Level JUDO competition held in Indoor Nehru Stadium, Chennai.

Mr.L.Srinivasan of I.B.Sc., Mathematics participated in the Elocution (English) Competition conducted by Indian Oil Corporation Limited during Vigilance Awareness Week 2021 and won the Consolation Prize.

With the blessing of the Founder of the Trustee Vallal Pachaiyappa Mudaliar and the Founder of the College C.Kandaswami

Naidu Garu, Department of Mathematics conducted a Inter departmental Competitions as a part of Association Activities. The Inter Departmental Competitions begin with a Prayer song.

- Mr.S.Kaviselvan , II B.Sc., Mathematics delivered the Welcome Address.
- Presidential Address was addressed by Principal Dr.P.Murugakoothan.
- Three competitions namely Paper presentation, Quiz, Adzap were conducted and participants from various Departments participated enthusiastically.
- In all the events first three places were ranked by staff members of Department of Mathematics along with College committee member Mrs. S.Jagadeswari .
- The prize winners in various events and Best Student convener Mr.P.Aravindan , III B.Sc., Mathematics is honoured with prize and certificate.
- Mr.T.Lokeshwaran mastered the ceremony.

The programme ended up with a word of thanks by Mr.V.Yuvan Shankar Raja, II B.Sc., and Mathematics.



AD-ZAP



PRIZE DISTRIBUTION





PAPER PRESENTATION TEAM



QUIZ TEAM



AD-ZAP TEAM



BEST STUDENT CONVENOR



VOTE OF THANKS



GROUP PHOTO



Department of Physics Report 2020 - 2021

Report on “Prospectives of Thermoelectric Materials”. conducted by Department of Physics

On 11.10.2021. The Department of Physics organized a National webinar on “Prospective of Thermoelectric Materials”.

Totally 380 participants registered from various countries and the webinar was conducted using zoom app and live streaming was done in the YouTube channel. The event was compered by Dr.B.Prameena Asst. Professor of Physics. The session started of with Welcome address by the Dr.G.R.Ramkumaar, convenor, followed by College Principal Dr.P.Murugakoothan, he gave brief introduction about the history of college, benefits of this webinar and greeted the resource person, dignitaries and participants with his enlightening words.

INTER - DEPARTMENTAL COMPETITIONS-2022

An Interdepartmental competition (THE ILLUMANITI) was held on 02.05.2022 in our college premises.

Theme of competitions were CKNC’s Master Chef, Spin Master, Oratory,

Sculpturing, Battle with Knowledge and Artist’s Impression. On the whole around 90 students participated in various competitions. All the competitions were judged by various Department heads from our college. We thank all the students for their active participation in all the events. I thank all the staff members from the department of physics for supporting the event.

ASSOCIATION VALEDICTORY FUNCTION

On, 11.05.2022 the Department of PHYSICS has organized the Association valedictory During the function, the prizes were distributed.

ORGANIZED/ NATIONAL WEBINAR

- The Department of Physics Conducted National Webinar topic “Prospectives of Thermoelectric Materials” on 21.10.2021, The Totally 360 participants had registered from all over the country. The LIVE streaming was done in the ZOOM and YOUTUBE channel. Convener Dr.G.R.Ramkumaar, Organizing committee Dr.S. Gokul Raj, Dr.N.Karthick, Dr. B. Prameena, Mr.C.Rangaswamy, Dr.V.S.LakshmePriyaa.

- The Department of Physics Conducted National Webinar on 28.02.2002, on the topic “Discovery of Fundamental Forces = Development of Society” on the occasion of the National Science Day. Totally 175 participants had registered from all over the country. The LIVE streaming was done in the ZOOM and YOUTUBE channel.
Convener Dr.G.R.Ramkumaar,
Organizing committee
Dr.S.GokulRaj, Dr.N.Karthick,
Dr.B.Prameena, Mr.C.Rangaswamy,
Dr.V.S.LakshmePriyaa.
- The Department of Physics organized an Inter-Departmental Competition on 2nd May 2022 and its Themes were CKNC’S MASTER CHEF-2022, ARTIST’S IMPRESSION, SPIN MASTER, BATTLE WITH KNOWLEDGE, ORATORY and SCULPTURING more than 70 students from various departments have participated in the competitions.
Convener Dr.G.R.Ramkumaar,
Organizing Committee
Dr.S.GokulRaj, Dr.N.Karthick,
Dr.B.Prameena, Mr.C.Rangaswamy,
Dr.V.S.LakshmePriyaa.
- The Department of Physics organized an Association Function meeting on 12.05.2022. The Chief Guest for the function was Mr.BalaShanmugam, Junior Engineer(Retd.), Satish Dhawan space centre(SDSC), SHAR, Shriharikota, Nellore District.
Convener Dr.G.R.Ramkumaar,

Organizing Committee
Dr.S.GokulRaj, Dr.N.Karthick,
Dr.B.Prameena, Mr.C.Rangaswamy,
Dr.V.S.LakshmePriyaa.

ACHIEVEMENT OF STUDENT

- S.Anantha Krishnan (III B.Sc Physics) won the first prize in the Video Making contest on Physics Behind Olympic Sports organized by CTTE College.

The Department of Physics Conducted National Webinar on 28.02.2002, on the topic “Discovery of Fundamental Forces = Development of Society” on the occasion of the National Science Day.



The Department of Physics organized an Inter-Departmental Competition on 2nd May 2022 and its Themes were CKNC'S MASTER CHEF-2022, ARTIST'S IMPRESSION, SPIN MASTER, BATTLE WITH KNOWLEDGE, ORATORY and SCULPTURING



Department of Chemistry Report 2020 - 2021

Annual Report:

Students progress is made by an effort of academic professionalism as said the Department of Chemistry have great pleasure to report past history of achievements (academic year 2021-2022). Academic is not only the subject learning perspective, but also inclusive "How trained them co-curriculum/social activities in education?" is an art of work. Since the covid pandemic relaxation, we the Department of chemistry fully engage with the student's regulation activities in both academic and non academic programme by assessing an online as well as offline mode.

Student Alumni:

Through the every academic year our students' pursuing their post-graduation in various institutions and our 2021 pass out aluminises are listed below:

1. Mr. V. Raman ((Roll No. 221906063) – M.Sc., General Chemistry, Pachaiyappa's College, Chennai.
2. Mr. R. Gowtham (Roll No. 221906049) – M.Sc., General Chemistry, Pachaiyappa's College, Chennai.

3. Mr. Suryakumar (Roll No. 221906076) – M.Sc., Applied Chemistry, Anna University, Chennai.

Department Students Regulation activities

Other than academics, the Department faculties train our students to expose their talents in extra curriculum activities such as Art works, Industrial visit, Oratorio competitions etc., The details of conducted students talents programme and trainings as are given below:

National level webinar

Title: Pandemic, Environmental and Responsibility on 10.11.2021 (Wednesday) at 4.00 pm

Session I

Speaker I: Dr. R. Kannan , MD,PGDip., Diabetol FIC, Professor of Medicine , Saveetha Medical College & Hospital, Chennai.

Topics on Current Scenario on Covid 19 Pandemic and Responsibilities

Session II

Speaker II: Dr. Kurian Joseph, M. Tech., Ph.D., Center for Environmental

Engineering, Anna University, Chennai

Topic: Responsible consumption,
Production and Climate action

Art Competition:

Intra Department online art competition 2021 -2022 organized between 22.11.2021 and 23.11.2021

Theme of art competition as are: 1) Famous scientist 2) Nature and 3) Social awareness

Industrial Visit:

We conducted Industrial visit at Integral Coaching Factory (ICF), Chennai on 26.04.2021. Nearly 48 candidates along with the Department 5 staffs were engaged safe visit at ICF that explore student's industrial experiences.

Student oratorio presentation:

The Department of Chemistry conducted oratorio rivalry to ensure outcome of student speaking skill. Student's power point presentation was conducted on 30/04/2022, and special external Judge Dr. N. Karthik, Asst. Prof. of Physics, for the oratory competition was invited. Nearly 25 candidates were presented and special invitee commented that "All students are equally present and it is difficult to decide their places for prize distributions".

Students won prize:

Our students participated inter college and inter department oratorical presentation and won prizes. Details as are

Mr. Gunasekaran, (second year), second place in Tamil, oratorical presentation (inter college)

Mr. Dinesh Kumar (first Year), prize won in mathematics Department conducted oratorio presentation (inter department)

Association function:

The Department of Chemistry was hosted Association functions on 5.05.2022 with invited chief guest Mr. Murugesan, Deputy Revenue Officer, Zone 8, Anna Nagar, Chennai. The chief guest addressed that Importance of TNPSC group exam in present days and self-motivation among young students community". He was also presented honor of awards in department academic toppers.



Industrial visit at Integral Coaching Factory (ICF), Chennai on 26.04.2021.



Student oratory presentation:



Chemistry department parent meet



Department CHEMZ-2021 Association function





Lab Assistant Mr. Divya, arranging 12. Chemistry Lab Class demonstration apparatus in student's desk



DEPARTMENT OF ECONOMICS

REPORT 2021-2022

ACADEMIC PERFORMANCE

- The Department of Economics organized an Inter-College Competitions on 11th May 2022 along with Department Association Function. The chief Guest of the function was Dr.D.B.Usharani, Vice Principal and Head, Department of Economics Ethiraj College for Women, Chennai. More than ten Colleges have participated in the competitions. Organizing Secretary Dr.A.Rasheethabanu, Organizing committee Dr.M.Sivasankari, Dr.M.R.Selvarani, Mrs.T.Saraladevi, Mr. M. Elumalai

ORGANIZED NATIONAL WEBINAR

- The Department of Economics Conducted National Webinar on 12.11.2021 at 4.00 pm to 6.00 pm. The Resource persons of the webinar are Dr.B.P.Chandramohan General Secretary I.E.A and Rev. Dr. Fr. G.Vazhan Arasu Principal, St Aloysius College delivered Lecture on the topic “National Education Policy-2020 and Higher Education: Features and Challenges”. Convener Dr.A.Rasheethabanu, Organising

Secretary Dr.M.R.Selvarani. Organising committee Dr.M.Sivasankari, Mr.M.Elumalai More than 120 participants benefited by the webinar.

- The Department of Economics has organized a National Webinar on 29.03.2022 at 4.00 to 5.00 p.m. The topic of the webinar was Evolution of Agricultural Price Policy in India. The Resource person Dr. A. Amarender Reddy, Principal Scientist, ICAR- Central Research Institute for Dry land Agriculture Hyderabad, delivered an excellent speech related to the topic. Organizing Secretary Dr.A.Rasheethabanu, Organizing Committee Dr.M.Sivasankari, Dr.M.R.Selvarani, Mrs.T.Saraladevi, and Mr.M.Elumalai.

STUDENT ACHIEVEMENT

Mr. D. Magimaidass III B.A Economics won first place in weight lifting (55K.G) at University level



Department of Commerce

Report 2021-2022

1. To encourage the students, to build their confidence level and also with a motive to make the students to adapt faster to the college environment and regulations, we have conducted an Orientation program for the academic year (2021 -2022) which is held on 28th September 2021 between 11:00pm to 12:30pm at the College Auditorium.
2. To promote the entrepreneurial spirit among the students and to prepare the students to face the real world business scenarios, Two Days Entrepreneur Skills Development Training Program has been organized on 04/10/2021 and 05/10/2021 at 11:00pm to 12:30pm.
3. With the aim of promoting awareness about the various employment opportunities in the MSME sector and to emphasis on the significance in its contribution towards the GDP of India, a Specialized Training Program with MSME – Technology Development Centre has been organized on 08/10/2021 at 11:00 am in the college auditorium.
4. With the aim of fostering critical thinking and analytical skills of the students a National level Webinar on “Research Methodology” was held on 22/11/2021 between 04:00 and 06:00 pm with the Resource person being Dr.SUBHASH KUMAR YADAV and Dr.S.USHA.
5. To assist the students in fulfilling their aspirations and to set up realistic goals, a ONE DAY Career Guidance Workshop on SAP & TALLY with SWAYA CADD TECH Training Solution for Engineering Designs was held on 11th December, 2021 at 11:00 am in the college auditorium with topic GST and Tally.
6. To develop a sense of unity and belongingness among the students, the department has organized a COMMERCE ASSOCIATION INAUGURATION FUNCTION on 25th March, 2022 at the College Auditorium.
7. To mark the remembrance of the various achievements, events and activities that was held in the department throughout the Academic Year, a COMMERCE ASSOCIATION VALEDICTORY FUCTION was held on 29th April, 2022 at the College Auditorium.

Students Excellence for the Academic year 2021-2022.

- 1. C. DINESH of 3rd B.Com (General) - Shift I, actively participated in TamilNadu State Weightlifting Championship 2020-2021 held on 16th & 17th October 2021, and won the FIRST Prize in the 61 kgs weight category.**
- 2. A. Nishith of 3rd B.Com (General) - Shift I, actively participated PLENUM 2022, INSIGNIA organized by DG Vaishnav College held on 7th May 2022. (Yoga), and won the SECOND Prize.**
- 3. A. Nishith of 3rd B.Com (General) - Shift I, actively participated BIOMUTANTZ 2022 organized by the Department Biomedical Engineering at Chennai Institute of Technology held on 18th May 2022. Won the SECOND Prize.**

- 4. B.Com (General) - Shift I, SECOND YEAR students are actively participated SYMPOSIUM EVENT organized by IIT MADRAS held on 18/03/2022.**

Name of the participants:

1. SUDHARSHAN S
2. SATHISH KUMAR A
3. YUVARAJ D
4. PRAKASH S
5. MANOGARAN R
6. BHARATH M
7. VISHNU SHANKAR SR.

- 5. AJJADA VINAY KUMAR, 1st B.Com (General) - Shift I, actively participated in INTER COLLEGIATE QUIZ IN TELUGU organized by Presidency College held on 6th April 2022,, and won the FIRST Prize.**



DEPARTMENT OF LIBRARY

REPORT 2021-2022

Dr. S. MAHALAKSHMI, M.A.,M.L.L.S.,Ph.D.,
Librarian

Walter Landor says - “Nothing is pleasanter than exploring a library”

Library helps us in learning to sharpen our knowledge with better understanding. A library is a very useful platform that brings people together those who are willing to learn. The department of library conducted various programs to create the awareness on the use of library to impart knowledge into the Young minds.

National Webinar on “N-LIST – E-Resources for Effective Teaching, Learning and Research”

The Department of library organized a webinar on “N-LIST – E-Resources for Effective Teaching, Learning and Research” on 1st November 2021 between 5.00 to 6.00 P.M. for both Shift I & shift II student’s awareness of N-List (abbreviation National Library and Information Service Infrastructure for scholarly content). The National webinar was conducted to enhance the knowledge about N-List. Dr.S.Ramasamy, Librarian served as a Resource person for the webinar from M.V. Muthiah Arts and Science College, Dindigul. At the end of the session discussion was held on the use of N-List. Large number of students participated and received E-Certificate

National Webinar on “Library is our best friend”

The Department of library organized a webinar on “Library is our best friend” on 2nd May 2022 between 4.00 to 5.00 P.M. which had eminent resource person, Dr.k.Sridhar, Librarian from DRBCC Hindu College, Chennai. Who shared his knowledge on the topic. Large number of participants actively took part in the webinar for which they were provided with an E-Certificate.



Is noble prize in chemistry (2022) bringing back life?

Dr.S.Hariharan, M.Sc., Ph.D.,
Assistant Professor & Head of Chemistry

Can we have solution for cancer causes in future? Yes off course, i.e., “The Click Chemistry” have been awarded noble prize in chemistry 2022. Carolyn R Bertozzi, Morten Meldal and K Barry Sharpless are the three scientists, equally shared Noble prize (2022) for their independent pioneer work: The development of Chemical remodeling on the cell surface of living system, Novel creature of fast cycloaddition between azide and alkyne converted into 1,2,3 triazoles derivatives and Advancement of copper catalyzed controlled mechanism for single step reaction without any unwanted products studies respectively . In addition to that the discovery of polyethylene glycol resin and fluorescence screening provides the direct identification of cell structures on mimic replication. Such significant developments have made revelatory advent in drug discovery and future clinical studies.

K Barry Sharpless pioneer work on Click Chemistry of small target molecule

Sharpless is well known scientist, even Undergraduate Chemistry students very familiar with his mechanism i.e., “Sharpless Epoxidation”, who won his first noble prize in early 2001 (Fig.1). He is an originator on the concept of “click chemistry” states that biocompatible small molecules building blocks for simple and selective choice based substrates. Nearly, 20 years of investigation sharpless has made successive attempt of minimalistic form of molecules frame a building blocks can be faster and elegant manner that easy snapping tiny substrates together within 15 seconds (Fig.2). Sharpless have/had second noble prize on his central idea about choice based simple molecule rather complexity being revelatory discovery in medicine for target molecule and block the pathogen in living cell within micro seconds scale.

Fig. 1 Sharpless won noble prize (2001) for selective oxidation

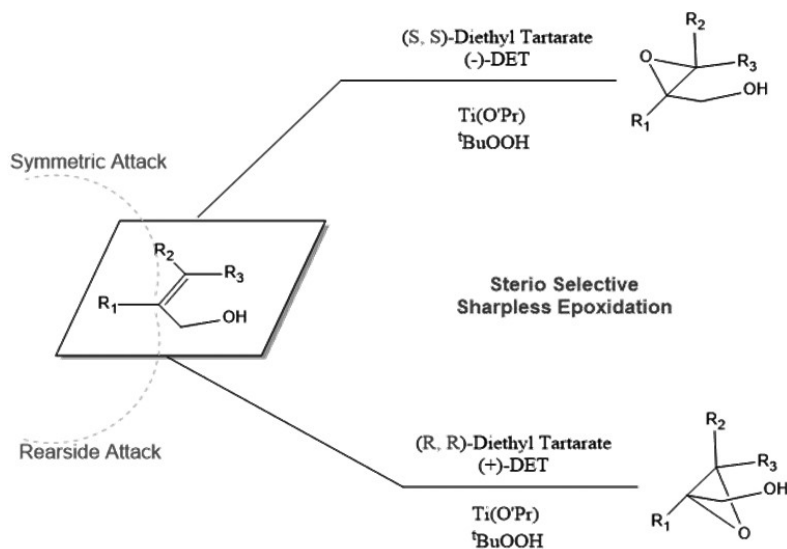
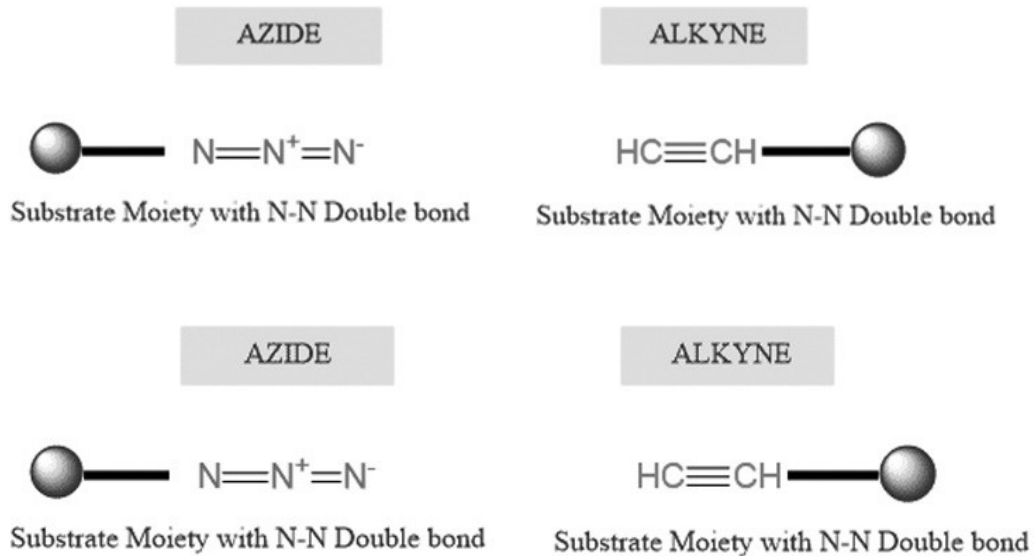


Fig. 2 Sharpless introduced simple azide and alkyne in click chemistry

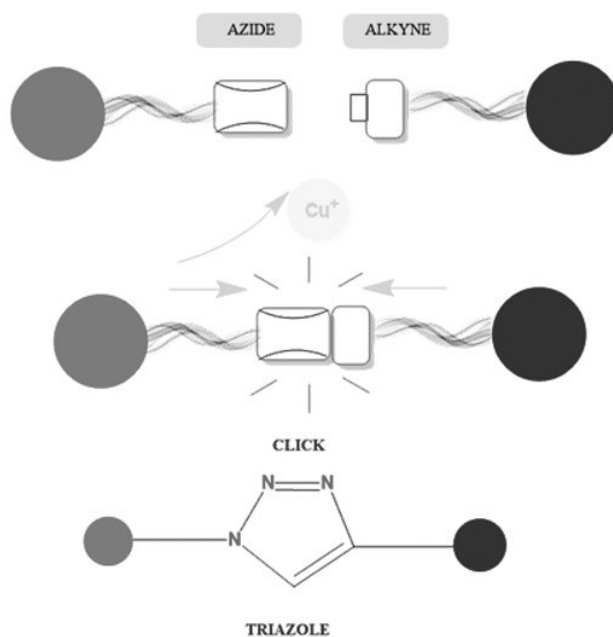


Morten P Meldal benchmark discovery on Cu (I) ions catalyzed azide-alkyne

cycloaddition

Morten Meldal is Denmark chemist independently worked on “Click Chemistry” and found acyclic fictionalization between azide (Nitrogen nitrogen double bonded) and alkyne (Carbon carbon triple bonded) catalyzed/snapped by Cu (I) ion with high yield of triazole derivatives (Fig.3). These triazole derivatives are commonly used as building blockers in drug delivery, pharmaceuticals, mapping DNA and biocompatible investigation.

Fig. 3 Morten Meldal discovered high yield production of triazole derivative using Cu (I) ion catalyst



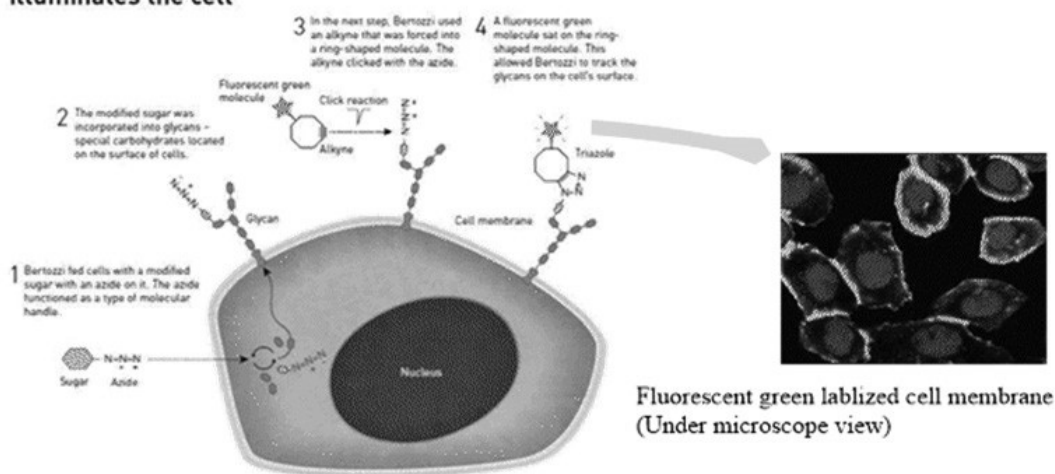
Carolyn Bertozzi Breakthrough revelatory discover in Click Chemistry with metal free catalyzed reactions

Cu ions could not be used in living cells due to its toxicity. Professor Bertozzi made a challenging attempt on copper free catalyzed bypass reactions in living systems without cell damage using click chemistry. Significantly, a bioorthogonal reaction between chemistry and biology has coupled in the living system without any detrimental effects. Since 1990, Bertozzi group investigated the sequential step reactions such Glycons

tagging on the cell surface, the complexity of sugar with azide moiety incorporate in glycans and snapping strained alkyne with fluorescent by metal free catalyzed reaction as are highlighted breakthrough discovery in click chemistry (Fig.4). Particularly, the fluorescence labeling glycon on the cell surface can direct identification of cell growth is an outbreak in oncology clinical studies.

Fig. 4 Carolyn Bertozzi Cu(I) free stapling fluorescence strained alkyne on the cell surface

Bioorthogonal chemistry illuminates the cell



(Image copied from proc natl acad sci USA (2007) 104: 16793-16797)

Conclusion:

“Is noble prize in chemistry (2022) bringing back to life?” Off course Yes, above said scientists proved that chemistry inside human body regulates drug in right pathway, especially advance treatment in oncology include ‘click chemistry’ would great impact on science history. Such reasons why? Nature is unbelievable creature in every living system and a human trying to replicate the nature mechanism by their pertained knowledge. This made faith in God and science believes “God is Nature”.

Socio Economic conditions and Uncertainty of Exception of Law of Demand

Dr. M.R. SELVARANI

Asst. Professor, Department of Economics

Introduction:

In this paper states about the Uncertainty of the Indian people economic activity. Throughout the world the increasing of the Covid - 19 has induced many government to introduce unprecedented measures to contain the epidemic. These measures have to many business being shut down temporarily widespread restrictions on travel and mobility financial market confusion an erosion of confidence and heightened uncertainty. The enormous changing environment it is difficult to quantify the exact magnitude of the impact of these measures on GDP growth. These activities are during the period of 2020 2022.

Objectives

- 1.To increase the economic growth
- 2.To stable the price level

Assumptions

- 1.It is not for the black money holder
2. This theory is based on only for those

who totally economically affected people.

Uncertainty

What is Uncertainty?

Uncertainty refers to alert situations involving imperfect or unknown information. It applies to predictions of future events, to physical measurements that are already made, or to the unknown. Uncertainty arises in partially observable or conditional environments, as well as due to ignorance, indolence or both.

Uncertainty is defined as doubt when you feel as if you are not sure. If you want to take a new job when the economy is going bad and causing everyone to worry about what will happen next this is example of an Uncertainty.

What is Exception of law of Demand?

Exception of law of Demand means other thing remaining constant when price increases,

demand will increases, when price decreases, the demand will also decreases.

It can be explain in the Giffen goods, and Veblen effect.

Veblen Goods Vs Giffen goods

Giffen goods are another class of goods that do not strictly, follow the law of demand. Unlike Veblen goods, which violate the law of demand after price rise above a certain level, giffen goods violate the law of demand until prices rise above a certain level.

“Conspicuous consumption occur by them women, and families of upper class who show of their great wealth as a means to manifest their social power and prestige either real or soming Veblen wanted to site the relationship between the economy society and culture.

In day to day life every human being is engaged in some activity it may be realted to earn livelihood or household activity. The activity which provides livelihood is known as economic activity. In throughout the world people are affected by the coronovirus. It brings slow down of economic activity.

Diagram A

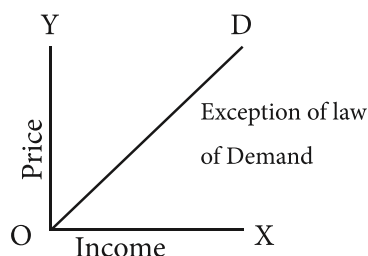


Diagram B

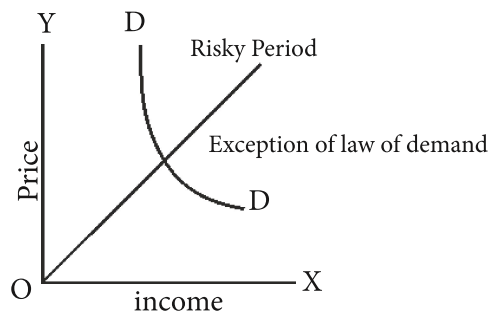


Diagram A explain about the exception of law of demand. When price increases demand will also increase. It is inverse relationship between the law of demand.

Diagram B explain the Uncertainty of expection of law of demand.

When the risk period the high society or richer people, there economics is depression their economic activity is slow down. In such a case the richer people step down, they stand in the retailer shop and bargaining the product so it is called Uncertainty exception of law of demand. Conclusion

During the depression period people don't have liquidity cash. There is no transations of moneywhen richer people also don't have liquidity cash. In that time government should

involve and increase the economics growth, and kept stable price level

References

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