



Learning Shines with Righteousness

THE MADURA COLLEGE (AUTONOMOUS)

Re-accredited (3rd Cycle) with 'A' Grade by NAAC

Vidhya Nagar, Madurai - 625 011

IQAC NEWSLETTER

(For Private Circulation Only)

Vol 4, November 2021

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PRINCIPAL MESSAGE



I am happy that IQAC is bringing out a newsletter. The newsletter has brought out all the important achievements of our institution. It is imperative to note that the institution is showcasing impressive performance in all spheres like academics, research, extension and outreach.

I hereby congratulate the IQAC for bringing out this newsletter in a wonderful way. I wish the institution to achieve greater heights in the years to come as an outcome of fruitful team effort from every stakeholder of the institution.

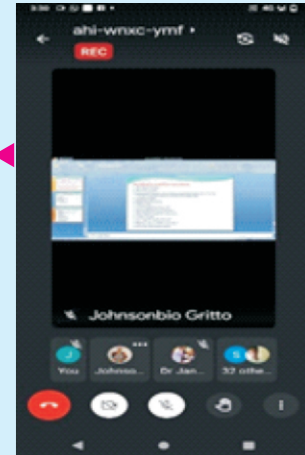
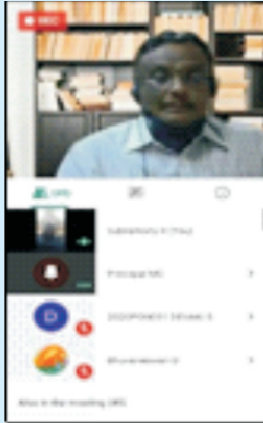
Wishing you all the best...!

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WEBINARS ORGANIZED BY VARIOUS DEPARTMENTS

The Department of Botany organized a Webinar on “Botany for Daily Life” with Dr. M. Johnson Gritto, Assistant Professor, Department of Botany, St. Xavier's College (Autonomous), Palayamkottai as the Resource person on 22.03.2021.



The Department of English has organized a Webinar on “NEW EDUCATION POLICY” from student's perspective to MA English (online) on 26.03.2021.

The Research centre & PG Department of Mathematics and Department of Statistics have jointly organized an online guest lecture programme on career Enhancement on 4th March 2021. Dr. Ramesh Kasilingam, Assistant Professor, Department of Mathematics, IIT Madras, Chennai has started his lecture in career enhancement and then moved to shapes of geometry and graph theory with complex analysis and finally transformed to topological space.



The Department of Mathematics & Department of Statistics has organized an Online Webinar on “Stochastic Modeling in Real Time Applications” with a Resource person Prof. P.R. Vittal, Visiting Faculty, Department of Statistics, University of Madras, Chennai on 04-03-2021 by 10 AM. In his talk he covered all the significant topics in stochastic processes which are very much applicable in real time for setting up a model.

The Department of Microbiology has conducted Webinar on “Synthetic Pesticides and type 2 Diabetes” with the Resource person Dr. K. Sundaravadivu, Assistant Professor of Department of Biochemistry from Sri Adi Chunchanagiri Women's College, Cumbum on 23-12-2020. The talk adverse health effects of exposure to pesticides and an association with diabetes.



The Department of Physics has conducted a National Webinar on Recent Techniques on Single Crystal Growth and its Characterisation on 21-07-2020. The speakers delivered their talks in the theme Directional growth of nonlinear optical (NLO) and ferroelectric single crystals for SHG and IR detector, Exploring crystal properties using X-rays, Structural Characterization using NMR Spectroscopy.

The Department of Biotechnology organized a virtual seminar on “Biotechnology in Human welfare” funded by MCB during 4 – 5, January 2021. On each day, seminar was divided into two sessions, guest lecture by the resource person followed by E-poster presentations by the students.



Department of Tamil

மாமதுரையில் வரலாற்றுச் சிறப்பும் மாட்சிமையும் பொருந்திய மதுரைக் கல்லூரியில் “தமிழும் பிறமொழிகளும்” என்ற தலைப்பில், பல்கலைக் கழக ஏற்புப் (Ugc care List) பெற்ற “சர்வதேசத் தமிழாய்விதழோடு” இணைந்து பன்னாட்டுக் கருத்தரங்கம் ஏழு நாள் (24.08.2020-30-08-2020) நடைபெற்றது. பேராசிரியர்கள் ந.இரத்தினக்குமார், கோ.கருணாகரன், சே.சுரேஷ் (நிறுவனர்-சர்வதேசத்தமிழ்) கருத்தரங்கை ஒருங்கிணைத்தனர். ஒவ்வொரு நாளும் மாலை ஆறு மணிக்குத் தொடங்கி ஒன்பது மணி வரை நடைபெற்றது. உலகம் முழுவதும் இருந்து இலக்கியப் பேரறிஞர்கள் பங்கேற்றுச் சிறப்புச் செய்தனர். தொடக்க நிகழ்வையும் இறுதி நிகழ்வையும் மதுரைக் கல்லூரி முதல்வர் தலைமை தாங்க, தமிழ்த்துறை தலைவர் வரவேற்க, ஒவ்வொரு நாளும் ஒவ்வொரு பேராசிரியர் வரவேற்பு, நன்றியுரை ஆற்றி நிகழ்வை நடத்தினர். ஆய்வாளர்கள், பேராசிரியர்கள், மதுரை இலக்கிய ஆர்வலர்கள் எனப் பலர் பங்கேற்றனர். சிங்கப்பூர், மலேசியா, இலங்கை உள்பட உலகம் முழுவதும் 800க்கும் மேற்பட்டோர் இணையம் (You tube) வழியாக நேரடியாகப் பார்த்தனர். கலந்துகொண்ட 800க்கும் மேற்பட்டோருக்குச் சான்றிதழ் வழங்கப்பட்டது.

Department of Biotechnology and Government Museum, Madurai have jointly organised the Three Days Onsite Workshop on “Preservation and Processing of Biological Specimens” during 17 – 19 February, 2021 which was financially supported by Government Museum, Madurai, Tamil Nadu and Madura College Board, Madurai. Two experienced Taxidermists, Mr. D. Balaraman and Mr. S. Pichaiiah from the Government Museum, Chennai who were experts in preservation of biological specimens trained the students for three days in the Laboratory of Department of Biotechnology.

Time	Activity	Speaker
09:00	Prayer	R. Sri Sakthivel
09:30	Registration	Dr. S. Sankaranarayanan, Chief Executive Officer, The Madura College, Madurai
10:00	Opening of the Workshop	Dr. N. Panchanathan, Coordinator, Dept. of Biotechnology, The Madura College
10:30	Presidential Address	Dr. J. Suresh, Principal, The Madura College
11:00	Facilitation	Dr. M. Anand Sankaranarayanan, Secretary, Madura College Board
11:30	Invited Address	Prof. B. Manikandan, PGD Secretary, School of Distance Education, Madurai Kamaraj University
12:00	Certificate Distribution and Special Address	Mr. S. Sankaranarayanan, Member of Parliament, Madurai Constituency
04:00	Vote of Thanks	Dr. M. Manikandan, Secretary, Government Museum, Madurai



The PG Department of Commerce in collaboration with Global Research Conference Forum, Pune organised Two Day International Virtual Conference on the theme “Dynamics of Research in Commerce- A Solace to Sustainable Business Decision during 19 – 20 March, 2021. Dr.M.Selvam, Vice Chancellor of Bharathiyar University, Trichy, was the keynote speaker for the inaugural address.

The Research centre and PG department of Mathematics has organized the Webinar on Generalized inverses of Matrices with Dr.I.Jeyaraman, Assistant Professor of Mathematics, National Institute of Technology(NIT), Tiruchirapalli on 6th March 2021. He explained elaborately about Matrices, Inverse of Matrices and Generalized Inverses of Matrices.

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Research Centre and PG Department of Mathematics & Department of Statistics Organizes WEBINAR ON GENERALIZED INVERSES OF MATRICES

Date: 06.03.2021 Time: 01.30 PM

Resource Person
Dr. I. JEYARAMAN
Assistant Professor of Mathematics
NIT Tiruchirapalli, Tamil Nadu

Google Meet Link
<https://meet.google.com/bes-mnkb-edm>

ALL ARE INVITED

Dr. V. Anantharaman, Coordinator; Dr. R. Parthiban, Coordinator; Dr. S. Murthy Kumar, HOD; Dr. J. Suresh, Principal



Department of Tamil has organized a seminar on the subject of Tamil and Technology Job opportunities with Special Guest Dr. R. Shanmugam on 29-03-2021 (Friday). He spoke about the job opportunities available in the field of Internet and software for students studying Tamil Literature and Grammar.

The Department of Chemistry has organized one day State Level Webinar on Frontier Area in Chemistry sponsored by UGC on 08-03-2021. The presidential address was delivered by Sri. N. S. Krishnan, President, Madurai College Board.



The Department of Economics has organized Two day Online International Conference on Emerging Trends in Economics, Commerce and Management during 27-28, February, 2021. The conference was inaugurated by Prof.(Dr.) H.A.Pandya, Vice- Chancellor Gujarat University. Dr. Jagadish Bhavsar, Pro Vice-Chancellor Gujarat University, Dr.Ankitakatrodia of Northwest University South Africa, Dr.Aartisaini of Delhi University are the guest speakers of Day 1. Dr.Sarita Agarwal of Gujarat University was the guest speaker on Day 2.

The Department of Physics organized a Research seminar with Mrs. G.Gowri (Regn. No. P4287) Assistant Professor of PG and Research Department of Physics from The Madurai College, Madurai delivered on “Synthesis, characterization and investigation on charge related properties of LaFeO₃ –type multiferroics” on 11-02-2021.



The Department of Economics has organized Online International Conference on Impact of COVID-19 on Indian Economy on 23-11-2020. Dr.M.Krishnan, Vice-Chancellor Madurai Kamaraj University, Madurai inaugurated the conference & received the first copy of the conference volume. Prof.V.Manickavasagam Former Dean of Alagappa University delivered special address. Dr.AMB.Prain Somani International Academic Scholar, London gave a keynote address in the Conference.

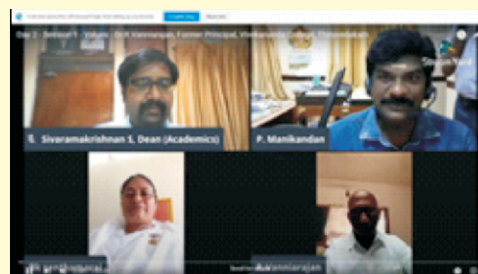
FACULTY DEVELOPMENT PROGRAMME

1. A Webinar on Predatory publishing in India for Teaching Staff was conducted on 20.02.2021 with Dr C K Ramaiah from Department of Library & Information Science, Pondicherry University, Puducherry as the Resource person
2. A Webinar on New Education Policy of India for Teaching Staff was conducted on 20.02.2021 with the guest speaker Dr Lalitha Ramaswamy.
3. A Workshop Office File Management for Non-teaching Staff was conducted with guest speaker Dr A John Kennedy Alexander.



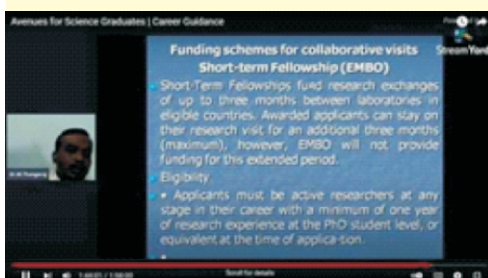
STUDENT INDUCTION PROGRAMME

The Student Induction Programme (2020-21) was organized for the newly admitted students of all undergraduate programmes under the aegis of UGC Quality Mandate from 31/08/2020 to 05/09/2020 with special emphasis on mentoring on Universal Human Values.



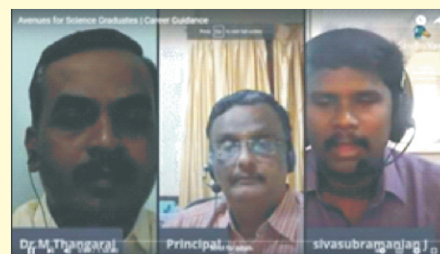
PROGRAMMES ORGANIZED IN PLACEMENT CELL

Placement Training and Internship Cell of The Madura College has organized a programme on Avenues for Science Graduates on 23rd of December 2020.



Dr. M. Thangaraj, Associate Professor of Centre for Advanced Study in

Marine Biology, Faculty of Marine Sciences from Annamalai University was the Guest of Honour. He briefed on funding Schemes and serviceable funding agencies.



GUEST LECTURES ORGANIZED

Guest Lecture Programme on Value Education was organized by Department of English on 27.02.2021. Mr & Mrs Sanjeev Patro, Software Engineer by profession came from Sri Aurobindon Society, Odissa delivered talk on "VALUE EDUCATION" from SRI Aurobindo's perspective to MA English (offline and online) and BA English students (offline)



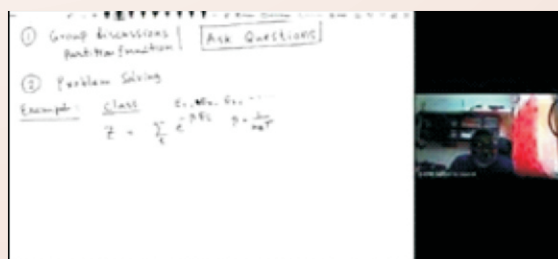
Guest Lecture Programme on Employability Opportunity for Science Graduates was organized by Research centre and PG department of Mathematics and Department of statistics on 10th March 2021. Dr. S. Stalin Kumar, Assistant Professor, Department of Mathematics, The American College, Madurai has delivered talk.

Guest Lecture Programme on Elementary Particle Physics & Opportunities in various research institution was organized by Department of Physics held on 19.03.2021 with Dr.Gobinda Majumder, Professor, Experimental High Energy Physics, Tata Institute of Fundamental Research (TIFR), Mumbai and also he is a Director of India based Nutrino Observatory (INO) project.



Guest Lecture Programme on Competitive Examinations was organised by Department of Mathematics & Statistics on 01-03-2021. This program was organised to create awareness among the students to attend the various competitive exams like UPSC, SSC, and TNPSC etc.

Guest Lecture on Statistical distributions of macroscopic systems in equilibrium was organized by department of Physics with the Resource person Dr. S.V.M. Sathyanarayana, Associate Professor, School of Physics, Pondicherry University on 25th March 2021. This programme was sponsored by UGC.



On-Line Guest Lecture on Career Opportunities in IT, How to lead your life! was organized by Department of Information Technology on 11-03-2021 with Mr. Rajaram Sankaralingam as the Guest speaker.



Guest Lecture Programme on "SIGNIFICANCE OF QUANTITATIVE APTITUDE IN COMPUTATION" was organized by Department of Mathematics & Statistics on 02-03-2021.

Special Lecture on Literature and Art was organized by Department of Tamil on Friday 26.02.2021 on the subject of literature and art in the Tamil field. Former HOD of Tamil, American College, Dr. T.N. Pranadarthihran gave a special talk on Kambaramayana



Guest lecture on opportunities in Data Science was organized by the department of Information Technology on 25-02-2021 with the Guest Speaker Dr. S. Jothi Lakshmi.

Special Guest Lecture on Significance of ELT Concepts in English Language Education was organized by the department of English on 20/02/2021 with Dr. S. Sasirekha, Assistant Professor, Department of English, The American College, Madurai as the resource person.



PROGRAMMES ORGANIZED UNDER ICT

1. Faculty Development Programme on Digital Teaching Techniques – 05 – 01 – 2021 to 09 – 01 – 2021
2. Faculty Development Programme on Digital Teaching Techniques – 18 – 01 – 2021 to 23 – 01 – 2021
3. Webinar on Emerging Technology - 22 – 12 – 2020
4. Faculty Development Programme on Circuit Design using AUTOCAD Electrical - 25-01-2021 to 30-01-2021
5. Online Live FDP on Data Science Using R - 08-03-2021 to 12-03-2021
6. Virtual FDP on Setting Goals and Managing Time - 09-03-2021 to 13-03-2021
7. Virtual FDP on Introduction to Python Programming - 29-03-2021 to 03-04-2021
8. Google Android Kotlin Fundamentals (Online Live FDP) - 08-03-2021 to 13-03-2021
9. Stress Management (Online Live FDP) - 23-03-2021 to 27-03-2021
10. Introduction to Big Data Analytics (Online Live FDP) - 19-04-2021 to 23-04-2021
11. Online FDP on Productive Tools in Auto Cad - 22-02-2021 to 26-02-2021
12. Online FDP on Introduction to Angular JS - 22-02-2021 to 27-02-2021
13. Online FDP on Emotional Intelligence - 23-02-2021 to 27-02-2021
14. Two Week Faculty Recharge Programme on ICT tools offered on MOOC Faculty Recharge Programme – 07-05-2020 to 07-05-2020
15. GET SET GO (Fresher Induction Programme 2021) - 25-02-2021

PROGRAMMES ORGANIZED UNDER UNNAT BHARATH ABHIYAN (UBA)

கிராம சபை கூட்டத்தல் கலந்துகொண்டது – 26.01.2021

மதுரைக் கல்லூரியில் உள்ள உன்னத் பாரத் அபியான் திட்டத்தின் கீழ் ஐந்து கிராமங்கள் தேர்ந்தெடுக்கப்பட்டு உள்ளன. அவற்றில் ஒன்றான அச்சம்பத்து கிராமத்தில் குடியரசு தினத்தை முன்னிட்டு கிராமசபை கூட்டம் நடைபெற்றது. கிராமத் தலைவர் அலுவலர் விஜய பாஸ்கர் உட்பட கிராம மக்கள் சுமார் 100 பேர் கலந்து கொண்டு கிராம முன்னேற்றங்கள் முக்கியச் செயல்பாடுகள் குறித்துப் பேசினர். ஒருங்கிணைப்பாளர் மற்றும் 5 மாணவர்கள் கலந்து கொண்டு உன்னத் பாரத் திட்டத்தின் சிறப்புக்களை எடுத்துரைத்தோம். மக்கள் மகிச்சியுடன் வரவேற்றனர். தலைவர் நன்றி சொன்னார். வருங்காலங்களில் நாங்கள் செய்ய வேண்டிய பல்வேறு திட்டங்களை எடுத்துரைத்தோம். அவர்கள் தங்கள் கிராமத்திற்கு உடனடித் தேவைகள் குறித்துச் சொன்னார்கள். கூட்டம் இனிதே முடிவடைந்தது. நாங்கள் நன்றி கூறி விடைபெற்றோம்.



தமிழ்நாடு சட்டமன்ற தேர்தல் 2021யை முன்னிட்டு மாதிரித் தேர்தல் முறையை

கிராம மக்களுக்கு நடத்திக் காட்டினோம் – 23.03.2021

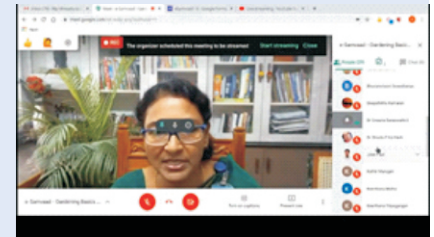
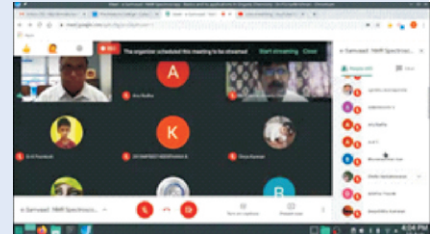
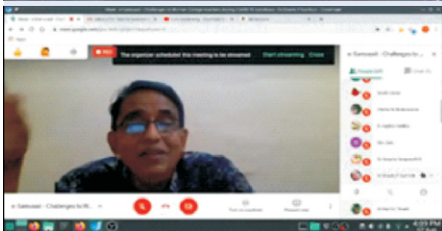
மதுரைக் கல்லூரியில் உள்ள உன்னத் பாரத் அபியான் திட்டத்தின் கீழ் ஐந்து கிராமங்கள் தேர்ந்தெடுக்கப்பட்டுள்ளன. அவற்றில் ஒன்றான விராட்டிப்பத்து கிராமத்தில் தமிழ்நாடு சட்டமன்ற தேர்தல் 2021யை முன்னிட்டு மாதிரித் தேர்தல் முறையை 23.03.2021 அன்று கிராம மக்களுக்கு நடத்திக் காட்டினோம். இரண்டு தேர்தல் அலுவலர்கள் தாசில்தார் அலுவலகத்தில் இருந்து வாக்கு இயந்திரங்களைக் கொண்டு வந்தனர். நூற்றுக்கும் மேற்பட்ட கிராம மக்களை கிராம அலுவலகத்தில் ஒருங்கிணைத்து வாக்கு இயந்திரங்கள் இயங்கும் முறைகளை விளக்கினோம். தேர்தல் அலுவலர்கள் அவற்றை இயக்கிக் காட்டினர். மாதிரி வாக்கு அளிக்கும் முறையை மக்கள் புரிந்து கொண்டனர். மக்கள் ஆர்வமுடன் ஓட்டளித்தனர். மொத்த வாக்குகளை எண்ணும் முறைகளை விளக்கினோம். மக்கள் மிக திருப்தி அடைந்தனர். வாக்கு இயந்திரத்தில் ஓட்டுப் போடுவது எளிது என மக்கள் கண்டு கொண்டனர். மீண்டும் சிலர் வாக்களித்துப் பார்க்க வேண்டும் என்று விரும்பினர். மீண்டும் அவர்களுக்கு வாய்ப்பளித்து அவர்களின் சந்தேகங்களை தீர்த்து வைத்தோம். மக்கள் திரள் திரளாக வந்து வாக்களித்து மகிழ்ச்சியுடன் சென்றனர். தலைவர் அலுவலர் ஆகியோர் எங்களுக்கு நல்ல ஒத்துழைப்பைத் தந்தனர். நாங்கள் நல்ல முறையில் வாக்கு இயந்திரங்களை மீண்டும் தேர்தல் அலுவலர்களிடம் ஒப்படைத்து நன்றி கூறினோம்.



E-SAMVAAD WEBINAR SERIES

A webinar series under the name 'e-samvaad' was organized with various Resource persons.

1. On 5th August 2020 under the theme “Bio fertilizer” with Dr. S. Dinakaran, Department of Zoology
2. On 7th August 2020 under the theme “Challenges to Women College Teachers during COVID-19 Lockdown” with Dr. Sheela P. Karthick, Department of English.
3. On 10th August 2020 under the theme “NMR Spectroscopy: Basics And Its Applications In Organic Chemistry” with Dr. P.S. Hari Krishnan, Department of Chemistry.



4. On 12th August 2020 under the theme “Etiquette”. Dr.S. Gnaana Saraswathi, Department of Botany.
5. On 17th August 2020 under the theme “Gardening Basics”. Dr. S. Gnaana Saraswathi, Assistant Professor, Department of Botany.
6. On 14th August 2020 under the theme “Soft Skills”. Dr.D.Buvaswari, Assistant Professor, Department of English.

SOME IMPORTANT CELEBRATIONS

International Women's Day Celebrations – 2021
– 08-03-2021



Independence Day Celebrations	15th August 2020
E-Quiz on 151th Birth Anniversary of Mahatma Gandhiji	NSS on 2nd October 2020 to 6th October 2020
Republic Day Celebrations	MCB on 26th January 2021
உ.வே. சாமிநாதய்யர் பிறந்த நாள் விழா	From 18th February 2021 to 19th February 2021
Opening of the Flood Lit Synthetic Tennis Courts & Inauguration of the Madura College Tennis Academy	Madura College Tennis Academy on 19th March 2021

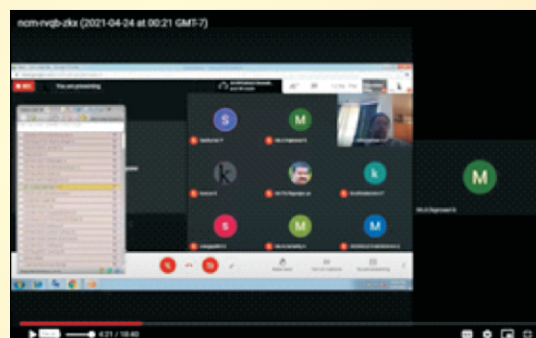
OTHERS

E-Quiz on Fundamentals of Mathematics	Dept of Mathematics from 1st July 2020 to 5th July 2020
National Level E-Quiz on Sequence and Series	Dept of Mathematics from 9th July 2020 to 10th July 2020
EC Meeting	MCAA on 16th March 2021
Campus Drive	Placement Cell on 19th March 2021
Certification in Red Hat Linux Programme	Dept of Computer Science & Information Technology on 22nd March 2021

CLUB ACTIVITIES

Department of Microbiology

AMICROZ microbiology students club was inaugurated on Saturday, 24.4.2021 at 1.30 PM. Miss. Chella and Mr. Vasanth have been selected as President and Treasurer, Mr. N. Perarasu selected as Secretary and Mr. R. Dhanraj as Joint Secretary



Department of Physics

Bose-Einstein club was inaugurated in the 2020 February 28 by Prof. N. Raman, Dr. J. Suresh and Major. Dr. K. M. Rajasekharan.

Guest Lecture Programmes under the club:

1. The first guest lecture, under the topic of Wonder of Physics in Biology on March 2nd, 2020 and it was given by Dr. D. Hudsonoliver, Assistant Professor of Physics, Schott Christian College, Nagarkoil.
2. Second one is under the topic of Computational Physics on March 5th, 2020 and it was given by Dr. R. Bakthavachalam, Head and Assistant Professor of Mathematics, Alagappa University Model Constituent College of Arts and Science, Paramakudi.
3. In this year, we organized two virtual lecture programmes on the topic “Impedance Spectroscopy: Concepts and Applications” which was given by Dr. P. Karthick Kannan, Senior researcher, School of Advanced Material Science & Engineering, Sungkyunkwan University, Republic of Korea.
4. Next one is on the topic “The Aspects of (Low Dimensional Materials) Physics in Structuring the Future Society” which was given by Dr. Nimrodh Anand, Post Doctoral Fellow scientist (former), Zeijiang University, China.
5. Also we organized a Guest lecture programme on the topic “Physics Around Us” which was given by Mr. S. Sivaramakrishnan, Assistant Professor, Department of Physics, The Madura College.



On 26 / 02 / 2021, Colorful and an unforgettable National Science Day, on behalf of Bose - Einstein's Club were organized in our college by Department of Physics with the special Chief Guest Dr.S.Rajakarthishan from Thiagarajar College, Madurai. Poster Competition was held.

