



Mar Gregorios College of Arts & Science
Block No. 8, College Road, Mogappair West, Chennai - 37
Affiliated to the University of Madras & Approved by the Govt.
of Tamil Nadu.

Special points of interest:

- Competition
- MOU
- Skill Development
- FDP
- ADD on Course
- Service
- International Conference
- Guest Lecturer
- Workshop
- Internship
- Department Fest

About MGC

Mar Gregorios College of Arts & Science is Christian Minority educational Institution established in the year 1997 named after Most Rev. Benedict Mar Gregorios, Late Arch Bishop of Trivandrum Arch Diocese Managed by Malankara Syrian Catholic Management (MSCM). This management has rendered a remarkable service in the field of Medicine, Engineering, School and Collegiate Education all over India since 1930. 1997. The College is ISO 9001:2015 certified Institution.

The college offers 13 degree programs in Shift I, 6 degree programs in Shift II and 3 post-graduate programs, functioning in two shifts, Shift-I & Shift-II.



VISION The College envisions facilitating transformation of students into good human beings, competent professionals, responsible and worthy citizens focusing on assimilation, dissemination of knowledge through holistic education in a Catholic Christian atmosphere.

MISSION The College stands for academic excellence, development of skill and building of character based on the love of God and service to mankind as revealed by Jesus Christ, so as to send out intellectually trained, morally upright, socially committed and spiritually inspired men and women of India, to raise them as leaders of quality in all walks of life and to serve their fellow men in justice, truth and love.

About the Department The Department of Electronics & Communication Science is one of the active departments started in the year 1997.

The Department is functioning with well experienced eminent professors producing centum results in all the major papers in the University Examination. And also University Ranks.

Febrishya Emlin G X of 2017-2020 batch secured **SECOND RANK** in the University Examination



**“ SUCCESS IS THE SUM
OF SMALL EFFORTS
REPEATED DAY IN AND
DAY OUT ”**

Admission Promotion - webinar was conducted on 23rd June 2021. Career Opportunities, higher studies and Scope of the courses were enlightened in that webinar.

To promote the course –Department had taken initiative and conducted essay and slogan competition on Covid challenges for Higher Secondary School students through GOOGLE FORMS. Participants registered their names for competition and winners were

SIGNING OF MOU WITH PROLIFIC SYSTEMS PVT LTD

MOU between MGC & SREE TECHNOLOGIES (a Franchisee of PROLIFIC SYSTEMS PVT LTD) was signed on 1st July. Workshops, Seminars, Projects and value added Courses can be conducted by Sree Technologies with less cost or free of cost.



SKILL DEVELOPMENT PROGRAM FOR STUDENTS ON 19/07/21

The Virtual Intercollegiate Skill Development Program, “**Employability Skills**” was organized on **19th July 2021** from 11.30 am to 1.30 pm. The major objective of the programme is to give exposure to students on the skills required to face interviews. Around 107 students participated in the program. **Dr. S. Fabbiyola** introduced the resource person, **Mrs. Valli Selvaraju (Soft Skill Trainer)**. It was followed by the presentation of resource person. She gave an excellent presentation and there was no doubt that she was a “**Best Performer Awardee**”. Her



State level Faculty Development Program 26/07/21- 30/07/21

A five days State Level Faculty Development Program on “Emerging Trends in Electronics”. Rev. Dr. Fr. John Peter invoked the blessing of God with a word of Prayer. Rev. Fr. Philip Pulipra, Secretary, blessed the gathering and also appreciated the Department for taking such initiative. Dr. M. Sivarajan, Principal, felicitated the gathering. Resource Persons were Mr. R. Jagadish and Mr. M. S. Harish, Core Research Group Engineers, Sree Technologies, Chennai.

Around 60 faculty members of Electronics Department from various Colleges across Tamil Nadu participated in the program. Certificates were issued to all the participants.



Community Service

“Small acts when multiplied by millions of people can transform the world”



Covid Vaccination Camp on 2nd September 2021

- FREE VACCINATION CAMP in association with the Corporation of Greater Chennai was conducted in our College premises from 9 a.m to 4.30 pm.
- 118 students, 25 staff, 24 family members, relatives and general public were vaccinated with Covaxin /Covishield. Totally 167 members got vaccinated.



Building Inner Self - 5 days Stress Buster Course

STRESS BUSTER

Mar Gregorios College of Arts & Science
 BLOCK V0.6 COLLEGE ROAD, MOGAPPAIN WEST, CHENNAI 600037
 (Affiliated to the University of Madras)
 AN ISO 9001:2015 CERTIFIED INSTITUTION

Department of Electronics and Communication Science
 Organizes
A Course on Building Innerself

16th -23rd August 2021
 Day 1 : Self Care
 Day 2 : Empathy
 Day 3 : Anger Management
 Day 4 : PERWA
 Day 5 : Gratitude and Affirmation

Resource Person
 Ms. YAMINI RAJAGOPAL,
 MSW / PGDCP / MSc Applied Psychology / Life Coach /
 Counselor & Psychotherapist
 Mrs. V. Sathirani
 Convenor, V06 P0601 & H00
 Dr. M. Skandan
 Principal
 Rev. Fr. Philibert
 Secretary

www.mgcochennai.ac.in

Virtual Program on **“Building Inner Self”** was organized from **16th to 23rd** August 2021. The resource person was **Ms. Yamini Rajagopal, MSW, PGDCP, MSc Applied Psychology, Life Coach / Assistant Professor, Department of Social Work, Counselor and Psychotherapist.** The major objective of the programme was to improve the inner self and mental health of students which develop their healthy lifestyle.



MAR GREGORIOS COLLEGE OF ARTS AND SCIENCE
AFFILIATED TO THE UNIVERSITY OF MADRAS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

ORGANIZES

CERTIFIED THREE WEEKS ADD ON COURSE ON HOUSEHOLD APPLIANCES

DATE : 01/09/21 Onwards **MEETING LINK**
TIMING :1.30 to 3.00pm <https://meet.google.com/Ankcsjif-ncw>

Dr. S. FARRIDYA **Dr. M. SIVARAJAN** **Rev. Fr. PHILIP PULIPRA**
CONTINOR PRINCIPAL SECRETARY



Certified 40 hours ADD ON Course on "Household Appliances" was organized from 01/09/2021 to 24/09/2021 through Google Meet. The course includes the fundamentals of Active & Passive components like Transistor, logic gates, Resistors, variable resistors, Capacitors, Inductors and the application of these components in "House Hold Appliances". Around 55 students registered for this course. The students were given two assignments and one test, based on which certificates were issued to them. This course helps the students to know about their own house hold appliances like Coffee maker, Washing Machine, Plumbing, Electric Iron, Electric Geyser.

A counselling session on "Emotional awareness and coping skill" was conducted for III yrs on 17/09/2021. Resource person was Rev. Sr. Celin Maria, Counsellor, Mar Gregorios College of Arts & Science.

Mar Gregorios College of Arts & Science
Affiliated to the University of Madras
Silver Jubilee year 2001-2022

Department of Electronics and Communication
organizes
a counselling session on
Emotional awareness and coping skills

Resource Person
Rev. Sr. Celin Maria
Counsellor
Mar Gregorios College of
Arts & Science
Chennai

DATE: 17/09/21 **VENUE: III YEAR CLASS**
Time: 10a.m to 11 a.m.
Prof. V. Senthil
Vice Principal & Head
Dr. M. Sivarajan Rev. Fr. Philip Pulipra
Principal Secretary

Love is my Light

Parambariya Unavu Thiruvizha

Traditional food festival was conducted on 28/09/2021. Mrs. M. Vanitha Devi, M. Sc., M. Phil, Child Development Project Officer was the Chief Guest. She explain about the importance and benefits of the traditional food. Varieties of food prepared with the traditional grains/cereals were displayed for tasting. Students from other departments also participated in the program.

Mar Gregorios College of Arts & Science
Affiliated to the University of Madras
Silver Jubilee year 2001-2022

THE DEPARTMENT OF ELECTRONICS AND COMMUNICATION SCIENCE

Invites You To
Traditional Food Festival

M. Vanitha Devi, M.Sc., M.Phil.,
Child Development Project Officer

Head of Institute **Dr. M. Sivarajan**
Principal Secretary



Guest Lecture

S. No	Date	Name of the subject	Topic	Resource Person
1.	01/0/9/2021	Micro-processor 8085	Architecture	Ms. S. V. Rajiga, MCA, M. Phil, Asst. Prof. Nazareth College of Arts & Science, Avadi.
2.	02/09/2021	Instrumentation	Instrumentation Application in Power Electronics	Mr. Saravana Sundar, MSc, M. Phil, Asst. Prof, Hindustan College of Arts & Science, Chennai
3.	03/09/2021	Value Education	Values of Life	Prof. T. Balachandar, HOD Mar Gregorios College of Arts & Science, Chennai
4.	03/09/2021	Basic Physics	Acoustics & Ultrasonics	Dr. S. Cynthia, Asst. Prof., Loyola College, Chennai
5.	03/09/2021	Antenna & TV	Advanced techniques in TV Technology.	Mr. Ramar Kalangiyam.R, Asst. Prof. Thamirabharani Engineering College, Thirunelveli
6.	06/09/2021	Digital Electronics	Digital Electronics Applications	Mr. Ramar Kalangiyam.R, Asst. Prof. Thamirabharani Engineering College, Thirunelveli
7.	06/09/2021	Industrial Electronics	Industrial Electronics Applications	Prof. Sudhakar, Head Dept of Electronics and Communication Science KRRM College, Adyar
8.	07/09/2021	Analog Electronics	Applications of Op-Amp	Prof. Sudhakar, Head Dept of Electronics and Communication Science KRRM College, Adyar

Value Added Course

Value Added Course in "PIC AND ARM BASED MICROCONTROLLERS" WAS CONDUCTED 04/10/2021 for 30 hours. Resource person - Mr. M. S. Harish, Core Research group Engineer Sree Technologies, Chennai.

Certificates were also issued to the students

MAH BENOZIOUS COLLEGE OF ARTS & SCIENCE
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 Government of Tamil Nadu
 An ISO 9001:2015 Certified Institution

SILVER JUBILEE YEAR 2021-2022
 LOVE IS MY LIGHT

PROFUG
 Department of Electronics and Communication Science
 In Association with TQEC
 organized

VALUE ADDED COURSE
 IN
PIC AND ARM BASED MICROCONTROLLERS

RESOURCE PERSON

M. S. Harish
 Core Research group Engineer
 Sree Technologies
 Chennai

Course Duration
 30 Hours

Course starts from
 4/10/2021

Mr. S. Shanmugam
 Convener

Mr. V. Ravikiran
 Head of the Department

Dr. M. Sharanan
 Principal

Dr. V. Philip Felix
 Secretary

LET YOUR LIGHT SHINE



INTERNATIONAL CONFERENCE ON ROLE OF COMMUNICATION IN MEDIA VISTRONICS

 <p>VISTRONICS-2021 TWO DAYS INTERNATIONAL CONFERENCE ON "ROLE OF COMMUNICATION IN MEDIA"</p> <p>INAUGURATION DATE: 21ST OCTOBER, 2021 VENUE: 400 CONFERENCE HALL</p> <p>CHIEF GUEST PAOMASARI DR R M VARAGAN Former Vice Chancellor of Anna University, Chennai and Chairman, Anna University</p> <p>WEL ARE INVITED Prof. S. Swaran Kumar Dr. S. Ignacimuthu Dr. S. Karunakaran Dr. S. Logathan</p> <p>LOVE IS MY LIGHT</p>	<p>PROGRAM SCHEDULE</p> <p>Day 1: Inauguration of 2021 08:30 AM - 09:30 AM 09:30 AM - 10:30 AM 10:30 AM - 11:30 AM 11:30 AM - 12:30 PM 12:30 PM - 01:30 PM 01:30 PM - 02:30 PM 02:30 PM - 03:30 PM 03:30 PM - 04:30 PM 04:30 PM - 05:30 PM 05:30 PM - 06:30 PM</p> <p>Day 2: Workshop on AI and ML 08:30 AM - 09:30 AM 09:30 AM - 10:30 AM 10:30 AM - 11:30 AM 11:30 AM - 12:30 PM 12:30 PM - 01:30 PM 01:30 PM - 02:30 PM 02:30 PM - 03:30 PM 03:30 PM - 04:30 PM 04:30 PM - 05:30 PM 05:30 PM - 06:30 PM</p>	<p>CONFERENCE MEMBERS</p> <p>CONFERENCE CHAIRMAN Dr. S. Karunakaran, Assistant Professor, Dept. of Aeronautics, HITS, Chennai</p> <p>CONFERENCE CO-CHAIRMAN Dr. S. Ignacimuthu, Former Vice Chancellor, Anna University, Chennai</p> <p>CONFERENCE SECRETARY Dr. S. Logathan, Government Advocate, Madras High Court, Chennai</p> <p>CONFERENCE CO-SECRETARY Dr. S. Swaran Kumar, Associate Professor, Anna University, Chennai</p> <p>CONFERENCE ORGANIZING COMMITTEE Dr. S. Karunakaran, Assistant Professor, Dept. of Aeronautics, HITS, Chennai Dr. S. Ignacimuthu, Former Vice Chancellor, Anna University, Chennai Dr. S. Logathan, Government Advocate, Madras High Court, Chennai Dr. S. Swaran Kumar, Associate Professor, Anna University, Chennai</p> <p>CONFERENCE SPONSORS Dr. S. Karunakaran, Assistant Professor, Dept. of Aeronautics, HITS, Chennai Dr. S. Ignacimuthu, Former Vice Chancellor, Anna University, Chennai Dr. S. Logathan, Government Advocate, Madras High Court, Chennai Dr. S. Swaran Kumar, Associate Professor, Anna University, Chennai</p>	 <p>MGR GOVERNMENT COLLEGE OF ARTS & SCIENCE MGR Government Engineering College, Chennai - 600095 Approved by the Government of Tamil Nadu Affiliated to the University of Madras Managed by Madras State Education Trust</p> <p>ACADEMIC YEAR 2021-2022</p> <p>DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING IN ASSOCIATION WITH IQAC</p> <p>VISTRONICS-21 TWO DAYS INTERNATIONAL CONFERENCE ON "ROLE OF COMMUNICATION IN MEDIA"</p> <p>REGISTRATION LINK https://www.google.com/events/details/anna-university-2021-2022</p>
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International Conference on role of communication in media (Vistronics)

Department of Electronics and Communication Science & Visual Communication in association with IQAC organized an International Conference on Role of Communication in Media on 21st and 22nd October 2021. **Dr. R. M. Asagam**, Veteran Space Scientist, delivered the inaugural address on the topic **Role of communication in media**. **Mr. R. Yokesh Rajan**, MD of SCH, CEO in RRFPM (SICA), spoke in detail about the role of communication in media. Dr. S. Swaran Kumar, Associate Professor from U.S delivered his speech on the topic **Towards City scale low – Wireless, Internet of things**.

Mr. Harish Kumar, Professional speaker, Artist and Film Maker has delivered his speech on the topic **Visual Branding and its Importance**. Prof. C. S. Karunakaran, **Assistant Professor, Dept. of Aeronautic, HITS, delivered a keynote address on Robotic and Animation**. **Fr. Dr. S. Ignacimuthu**, former Vice Chancellor Madras University, Environmentalist, Former Principal of Loyola College was delivered his speech on the topic - Climate Change and our response. Dr. Kris A. Chander, Canada, Director, Cinematographer has explained the cinematography. **Mr. M. Logathan**, Government Advocate, Madras High Court, Legal Advisor of Tamil Nadu Public Service Commission, TN Medical Recruitment Board. He interpreted about learning as a never ending experience. He added that Law is also equally important to Vis.com and Electronics



Advanced Learning Methodology Using ICT Tools

From 4th December to 17th December department has arranged advanced learning methodology using ICT TOOLS. 39 students from third year and 10 students from second year presented papers on new trending topics in the field of Electronics science. The students of second and third year B.SC Electronics and communication science presented papers on new trending topics in the field of Electronics Science. Each student presented PPT using ICT tools. The **Paper Presentation** helps them to gain experience for preparing the presentation and also help the students to gain expertise on the topics and therefore enhance their knowledge, learning and communication skills.



INTERNSHIP

From 20th January to 13th February 2022, 40 students from final year underwent Internship training in SREE TECHNOLOGIES a Franchisee of PROLIFIC SYSTEMS PVT LTD.



MOTIVATIONAL SEMINAR - "CAMPUS TO CORPORATE"

Motivational seminar "CAMPUS TO CORPORATE" was organized on 29/04/22. The major objective of the programme is to enable students to understand **the transition from being a student to becoming a professional**. Students gain the confidence to perform a job, yet will be open to learn much on the job. The resource person, Prof. Sharmila Williams Assistant Professor, Department of Computer science, Mar Gregorios College of Arts & Science started her presentation. The program was organized to help students improve their communication (Spoken, Written & Presentations Skills), to build confidence, develop self-esteem, and to bring positive changes in the attitude & behaviour of the participants, to impart career specific practical inputs along with sharing the expectations of corporate and to give inputs into writing their resumes to facing interview to learning corporate etiquette.



CAREER GUIDANCE - "COMPETITIVE EXAM AWARENESS"

An awareness program on Competitive Examinations was conducted on 30/04/22 for final year students. The major objective of the programme was creating an awareness among the students about the various competitive exams that would open their career gateway. To clear the study strategy of student for cracking civil services and guide accordingly at early stage. Dr. C. Mahendran, Assistant Professor, Department of Tamil Mar Gregorios College of Arts & Science was the resource person. He gave details about the TNPSC exams, UPSC exam, Bank Exam and other Competitive exams. He discussed about the three levels of examination, depth required in each level, selection process, marking scheme and finally services which one gets on qualifying the Civil Service Examination.

Response from the Students: Students actively participated and cleared their doubts about civil services during the lecture. Overall response of students was very nice and students have mentioned the arrangement of such type of programs was very useful.



MOU WITH INSTITUTE OF AERONAUTICS ASTRONAUTICS AND AVIATION (IAAA)

MOU between MGC & Institute of Aeronautics Astronautics and Aviation (IAAA), was signed on 4th April 2022. Workshops, Seminars, Projects and value added Courses can be conducted by IAAA with less cost or free of cost.



Chennai, Tamil Nadu, India

MAIN BLOCK, MAR CREDENCES COLLEGE OF ARTS AND SCIENCES,
Garden Rd, Mogappair West, Mogappair, Chennai, Tamil Nadu 600037, India
Lat 13.079902°
Long 80.173215°
04/04/22 12:08 PM

CHARACTER FORMATION

Workshop on **“CHARACTER FORMATION”** was organized on **13/04/22 in KCGSJ Memorial Hall**. The major objective of the programme was to enable students to understand and care about ethical values which will lead them to success. The Program was started with a prayer by Mrs. W. Maxin Popy Rose which was followed by welcome address given by T. Jemi Christina of II BES. The resource person, Mrs. R. Amutha MCom, MPhil, B.Ed , Assistant Professor, Department of Commerce, MGR University, Chennai started her presentation. It includes topics such as “Passion in the subject with 100% effort”, “Quotes from Abraham Lincoln”, “Acceptance of success and Failure equally”, “Positive thinking”, “To be Job creators and not Job seekers”, “ Value of Time and its Usage”, “Infactuation”, “Quantification” and many more. Our Head of the Department, Mrs.V.Savithri presented a gift to the resource person. The program was concluded with Vote of thanks given by A.Indhuja of II BES which was followed by Photo session.



Chennai, Tamil Nadu, India

No.1408, Golden colony, Anna Nagar West extn, Mugaonair, Mogappair
West, Mogappair, Chennai, Tamil Nadu 600037, India
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Long 80.173224°
13/04/22 12:45 PM

WORKSHOP - "PROMISING TECHNOLOGIES IN ELECTRONICS"

A workshop was organized on "**PROMISING TECHNOLOGIES IN ELECTRONICS**" on 20/04/22 in Mar Ivanios Hall. The major objective of the programme was to enable students to understand the recent trends in technologies involved in Electronics.

The Program was started with a prayer by Mrs. W. Maxin Popy Rose which was followed by welcome address given by A. Indhuja of III BES. The resource person, Dr. R. RAJ MOHAN , MSc, MPhil, M. Tech, PhD, NET, Assistant Professor, Department of Electronics & Communication Science, A.M Jain College, Meenambakam, Chennai started his presentation. It includes topics from recent trends in technologies such as "IOT", "Mobile Phones", "Automobile Electronics", "Communication Infrastructure", "5G Technologies", "Robotics", "Spintronics", "Biometrics" and many more. Our Head of the Department, Mrs. V. Savithri presented a gift to the resource person. The program was concluded with Vote of thanks given by P. Pooja of I BES which was followed by Photo session.



"ELECTROFEST-2K22" – Intra-Departmental Competitions

Our Department organized an Intra- Departmental Competitions for our students on 02/05/22 in Mar Ivanios Hall. These competitions were conducted to bring out their capacity for creativity, critical thinking and focused effort. Ms. A. Indhuja & Ms. P. A. Rebecca were the MC for the program.

The program started at around 9.30am with a prayer by Mrs. W. Maxin Popy Rose. Five On-stage events were conducted namely "Just a Minute", "Paper Presentations", "Meme Creation", "Ad-Zap", "Short Film". Five Off-stage events were conducted already namely "Best out of Waste", "Drawing", "Poster Designing", "Logo Designing" and Cricket. The Valedictory function started at around 12pm with a prayer by Dr. S. Fabbiyola. Ms. T. Jemi Christina of IIIBES welcomed the gathering which was followed by blessings by Our Secretary, Rev. Fr. Philip Pulipra & felicitation by our principal, Dr. M. Sivarajan. The prizes for all the winners were distributed by our principal & Our Secretary. The function was concluded with a vote of thanks by Ms. Shalini of II BES.



MAR GREGORIOS COLLEGE OF ARTS & SCIENCE

(Affiliated to the University of Madras)

Block No.8, College Road, Mogappair West, Chennai - 600 037.

B.Sc. Electronics and Communication Science

HIGHER STUDIES

M.Sc. Applied Electronics / Industrial Electronics /
Nano Science / Instrumentation /
Electronics Science / I.T.
M.C.A, M.B.A, M.S.W.
B.E. / B.Tech Lateral Entry

**Eligibility : +2
(Physics / Maths)**

HIGHLIGHTS

Well equipped Laboratories
Workshops / Hands on training
by Industrial experts
Industrial visits
Skill Development Programs
Guest Lectures / seminars
Add on-Course

CARRIER OPPURTUNITIES

Software Companies - TCS / CTS / Wipro etc
Hardware Companies - Flextronics / Texas /
Nokia / Television companies / Telecom
ONGC / Defence / Research
Railways / Airforce / Banking / Sales & Service

ACHIEVEMENTS

University I rank
University 6th and 18th rank
100% results in all the papers
Students placed in top companies

