

NAAC REACCREDITED WITH A+ GRADE (CGPA: 3.38)

#### NOVEMBER 2019 ISSUE 11



FIRST A+ GRADE
IN THE STATE
AS PER THE REVISED
PROCESS OF
ACCREDITATION



#### MES COLLEGE MARAMPALLY

MARAMPALLY P.O., ALUVA - 683 105

# MESSAGE FROM THE PRINCIPAL





**Dr. A. Biju**Principal
MES College Marampally

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It gives me great pleasure to extend warmest greetings to the readers of our newsletter 'Reflect's eleventh edition. Looking back, I could reckon academic year 2018-19 an eventful one where our institution has grown in stature by leaps and bounds.

After the rigorous and systematic preparations, we were confident about the NAAC visit under the revised scheme. As expected it turned out to be a grand success when our institution reaccredited with A+ grade to become a pioneer in Kerala to manage it under the revised scheme. With the introduction of hand on workshops, seminars, onsite learning and other innovative practices we have acqu-ired momentum in shifting the TLE paradigm towards a more student centric one. The qualitative and quantitative frameworks formed by the visionary management were effectively implemented using various academic and administrative bodies including IQAC, Staff Council, NSS, NCC etc. The lofty sprit displayed by the entire teaching and nonteaching staff during the preparations and on the days of inspection worth mention. From the beginning, the teachers have taken special care to ensure the balanced and wholesome growth of students in curricular and extracurricular areas.

I also find it extremely satisfying to call up the sweet memories of our students bringing accolades representing the college, University, State and even the country in various Sport and cultural events. With the help of a supportive network of faculties departments worked in tandem to inculcate research culture among students and to ensure campus placements at reputed firms.

Also the year 2018-19 marks the grit and vigor of humankind which is in evidence every time hit by setbacks. When cloudbursts devastated Kerala with unprecedented flood levels, we wasted no time to rally behind the authorities to dispose help and assist to the victims. From running rehabilitation camps and supplying utility kits to the destitute to organizing mega cleaning drives to reinstate flood hit houses, institutions and worshipping places, we stood by the affected all through to see that life gets back to normalcy.

It's needless to say that the guidance and support of the college Managing committee along with a fully dedicated team of faculties who would go full throttle in implementing managements vision made all these possible. I am proud to say that PTA and Alumni render constant support and encouragement to carry out academic and extension activities.

I would like to acknowledge the hard work and dedication put in by the editor in chief Mr. Vivas Salim and team to realize this, and heartily wishes them the best. I also wish all the success and prosperity to the readers, students & well-wishers.

# Reaccredited with A+Grade (CGPA 3.38) by NAAC



Dr. Manzur Ali P.P.
IOAC Coordinator



#### NAAC A PLUS - MAKING OF THE HISTORY

The quest for excellence by the MES College Marampally to mark a golden streak in the Higher Education of Kerala has materialized in its short span of existence. March 28, 2019 was a glorious day for the Institution to achieve NAAC A plus grade with CGPA 3.38 which is the first ever highest grade in the State as per the revised process of accreditation. The aspirational optimism and concerted effort of the Management, Staff, Parents, Alumni and Students brought this highest recognition to the institution. Every blade of grass and every grain of sand is proud to be a shareholder of MES

College Marampally. Realizing that the road to success is no a bed of roses, the sustained effort of the stakeholders to wade through the hazards and hurdles is exemplary to any Institution.

The preparation for the III Cycle NAAC accreditation was begun well in advance with the formation of Steering Committee for the seven criteria. Introduction of new format by the NAAC in March 2017 delayed the submission of SSR as the NAAC introduced revised accreditation framework. The new format of NAAC Comprised Qualitative and

Quantitative metric in SSR followed by Students Satisfaction Survey and Data Validation and Verification (DVV). The new format imposed a herculean task to the steering committee members and the meticulous preparation of SSR demanded more than 50 sittings with steering committee members. The IIQA (Institutional Information for Quality Assessment) was uploaded on 14 August, 2018 and the rain mayhem turned Kerala floods started from August 15. The IIQA was approved by the NAAC on 24 September and subsequently the SSR uploading in the NAAC portal initiated. Preparation of the students' database of past five years for the extended file information took its toll on TLE criteria members. The whole campus was working for the SSR preparation and the staff were networking each other to make the self-study report picture-perfect. The pain taken by the staff for the preparation of SSR is

commendable; majority of them remained in the campus till late night and some of them stayed in the college. The uploading of the data regarding the Curricular Aspects started on 29 October 2018 and remaining criteria in subsequent days. The final submission of the SSR has been finished on 13 November 2018. The Students Satisfaction Survey initiated immediately after SSR Submission and 15.773% of the students participated in the survey. The DVV process opened on 29 November 2018 and successfully responded on 13 December 2018.

The commitment of the Management committee to transform the infrastructure is commendable apart from their role as the guiding force in administration. The facelift of the entrance, Walkways, Cooperative store, CCTV surveillance, Administrative space, South Block, Health Club are some of the additions in the post accreditation period.

The progressive vision of the College Management was instrumental the growth of the institution.

#### **NAAC Visit**

The most awaited Peer team visit was on March 13 and 14, 2019. The Peer team members for the NAAC visit was Prof. (Dr.) V. Gopal Reddy Vangala, former Vice Chancellor, Kakkatiya University, (Chairperson), Prof. (Dr.) Vijay Fulari, Head, Department of Physics, Shivaji University, (Member Coordinator) and Prof. (Dr.) Lawrence Amal Raj, former Principal, Loyola College, Chennai (Member). The college was in an academic festival temperament and a grand reception was arranged by the Management, staff and students. A formal guard of honour was given by the NCC Cadets and the team proceeded to Principal's cabin. Principal's briefing on the Institution with a presentation begun at sharp 9'0 clock followed





Prof. (Dr.) V. Gopal Reddy Vangala (Chairperson)

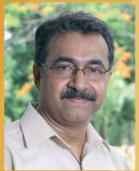
Prof. (Dr.) Vijay Fulari (Member Coordinator)

Prof. (Dr.) Lawrence Amal Raj (Member).

by meeting of the Heads of the Departments. Selected departments viz., English, Business Administration, Biosciences, Physics, Vocational studies and Psychology presented their post accreditation progresses to the Peer Team. NSS, NCC, Women cell and IEDC briefed their activities and interacted with the team. Thereafter the team visited the South block and verified the Library, E-content studio, Labs and Departments. The noon session was successfully completed as per schedule & the Management made their remarks during Lunch on meeting. Prof. Abdul Azeez, Former VC, CUSAT and Aligarh Muslim University, Prof. POJ Lebba, General Secretary, MES Kerala, MA Mohammed, Chairman, College Managing Committee and Prof. K A Zakkariya, Secretary, College Managing Committee made their remarks in the lunch on meeting. The Chairperson of the Peer Team appreciated the Management for their progressive vision to strengthen the institution. The Peer team interacted with the students, Alumni and Parents wholeheartedly and analysed the performance of the institution. The team visited the physical infrastructure including Canteen, Common Amenity Centre, Hostels, Laboratories and other facilities. In the evening, IQAC Coordinator Dr Manzur Ali P. P. made a presentation on IQAC activities and the Peer Team interacted with the members IQAC. The Peer Team visited the administrative office and evaluated the efficacy of office administration. In the evening, a cultural extravaganza has been exhibited by the students and the first day of visit was satisfactorily completed.

The Exit meeting of the NAAC Peer Team Visit was begun at 4 pm of the second day of Visit. Dr A Biju, Principal formally welcomed the Peer Team Members, Management Committee members, Staff, Students and Parents presented in the meeting. The Chairperson of the NAAC Peer Team Prof. (Dr.) V. Gopal Reddy Vangala briefed their observations and suggested the potential of the institution to excel as an Autonomous institution. He observed that the institution has a visionary Management, highly industrious Staff and very good students. Dr Manzur Ali P P, IQAC Coordinator delivered the vote of thanks and the two days ever memorable NAAC Peer Team Visit concluded by National Anthem.

Dr. Murugan R., Associate Professor, Department of Computer Applications and Dr. Mamatha C., Assistant Professor, Department of Biosciences have been awarded Ph.D. from Bharathiar University, Coimbatore. Dr. Rafeekamol C.A. and Dr. Farzana S. Hussain, Assistant Professors, Department of Commerce have been awarded Ph.D. from Cochin University of Science and Technology. Dr. Mumna Nazar, Assistant Professor, Department of Commerce has been awarded Ph.D. from Kerala University.











Dr. Murugan R.

Dr. Rafeekamol C.A.

Dr. Farzana S. Hussain

Dr. Mumna Nazar

Dr. Mamatha C.

#### Ph.D. HOLDERS

#### STUDENTS' ACHIEVEMENTS

Name	Course	Grade
Farzana M.S.	BCA	A+
Aswathy Sukumaran	BBA	A+
Aleena Reetha M.J.	BBA	A+
Amalu K. Alias	B.Com. CA	A+
Akhila Nasser	B.Com. CA	A+
Durga N.N.	B.Sc. Psychology	A+
Afna Sulaiman	B.Sc. Psychology	A+
Ashaya Sathish	B.Sc. Psychology	A+
Vaishnavi Sivaprasad	B.Sc. Psychology	A+
Neenu Paul	B.Sc. Electronics	A+
Hana Rasheed	B.Sc. Biotechnology	A+

Name	Course	Position
Anshida T.A.	B.Sc. Microbiology	A+
Aiswarya K.	M.Sc. Biotechnology	3
Carmel Andria Kadathose	M.Sc. Biotechnology	4
Ruksana K.A.	MHRM	4
Keerthana Chandran	M.Sc. Electronics	6
Unnimaya P.S.	M.Sc. Electronics	7
Angela Alisha Mathew	M.Sc. Biotechnology	8
Shehanaz P	M.Sc. Biochemistry	8
Krishnapriya Raj	M.Sc. Electronics	8
Aiswarya Lakshmi	M.Sc. Electronics	9
Anju V.H.	M.Sc. Biochemistry	9

#### Students' Achievements in MG University Youth Festival 'Alathalam 2019'









Kolkali team won first place and Duffmuttu team won second place in MG University Youth Festival 'ALATHALAM 2019' held at Kottayam. In individual items, Mr. Yadhu Krishnan (I B.Sc. Microbiology and Ms. Minna Nazar (III B.Sc. Microbiology won first place in Caly Modeling and Short Story Writing (Hindi) respectively.

#### **DEPARTMENT OF**

#### **COMPUTER APPLICATIONS**

#### e-Governance PROGRAMME

As part of the social responsibility, Computer Literacy Forum of the Department and PTA jointly organized a training session 'e-governance' for the residents of Vazhakkulam Gramapanchayath (Ward II) on 21 January 2019. The hands on training was given by students of final year BCA under the guidance of Ms. Sreerekha V.K., Coordinator of e-Governance and Ms. Indu Sussan Varghese, Coordinator, Computer Literacy Forum .

The training mainly focused on Google Pay, Aanavandi, KSEB Quick Pay and Creating G-mail account. Residents from 11 houses attended the programme. The training was very informative and all the participants requested to continue this class for one more day through their feedback.



#### Inauguration of COMPUTER SOCIETY OF INDIA

The inaugural ceremony of computer society of India was held on 19 December 2018. The chief dignitary of the day was Dr. B. Kannan, Head, Department of Computer Application, CUSAT and chairman of CSI Cochin Local Chapter. Aseel Abdul, student coordinator CSI has delivered the welcome address. The Principal Dr. A Biju has given the presidential address. Dr. B. Kannan spoke about the current trends and technologies of IT industry in his inaugural speech. Later he hand over the CSI Certificate to Dr. Murugan R. Mr. M.A. Mohammed, Chairman, college Managing Committee felicitated the occasion. The program was a grand success and paved way for many such endeavours in future.



#### Association Inauguration



The association activities of the department of Computer Application was inaugurated on. The alumni of the department, Sri. Muhammed Rafeeq, Team Lead, Infosys was the Chief guest of the function and was presided by Dr. A. Biju Principal. Dr. Murugan R., Head of the department delivered the welcome address and Ashika K.A., Assistant professor proposed the vote of thanks. IQAC Coordinator Dr. Manzur Ali P.P., Mr. Jasir M.P., Assistant Professor, Librarian Mr. Jamal K.M. and Mr. Rafeeg C.M., Coordinator, ORMA alumni association felicitated the programme. A session on 'Software Project Management' was led by the Chief Guest.







# SIX DAYS VALUE ADDED COURSE ON Android Application Development

A value added course on 'Android Mobile Application Development' was conducted by the Department for II & III year UG & PG students. The aim of the programme was to familiarize the participants with the basics of android programming and the moving to advance branches so that at the end the participants can design their own apps. It was a six day programme, five hours per day as a total of 30 hours. The course starts on 20 September 2018. The whole class is handled by Mr. Vinu Varghese, Asst.Professor, CUSAT. On the first day he explains about general information about the java programming language, the need for Android App development, Installation and android development kit and the basic files in the android. In the succeeding sessions, students learnt how to develop simple android applications. The first app developed by students is to display a simple message. From this they are familiar with how to create an app, and run the app. After that they had developed some more simple apps which helps them to understand the basic idea behind android app development.

#### **JOB TRAINING PROGRAM**

The Department organized a three weeks "On The Job Training Programme" for the students of Nusrath-ul Islam Vocational Higher Secondary School, Marampally in October 2018. The students are trained professionally competent with hands on sessions. Database Management System, Computerized Accounting with Tally and Web Technology were included in their course. Mr. Jasir M.P. was the coordinator of the progra-mme and various sessions were handled by faculties of the department. At the end of the workshop examinations were held on both theory and practical sessions. Certificates were issued on the basis of merit. Certificates were distributed by the Principal Dr. A Biju in the validatory session.



#### **VALUE BASED EDUCATION**

The Department organized an informative "Value Based Education" session handled by Mr. M.V. Jose on 11 March 2019. Mr. M.V. Jose is the founder and the director of Lakshmi College, N Paravur and the college has an outstanding academic report since 1981. The class given a lesson that every choice has a price but when we are motivated it is easier to bear the inconvenience of action than the pain of remaining the same. Some hear the cross a mental threshold usually after weeks of procrastination and in the face of an impending deadline and it becomes more painful to not do the work them to actually do it. The class was absolutely amazing and the students are really happy.



# **FDP**

# COMPUTERIZED ACCOUNT SYSTEM

A faculty development program on the topic "Computerized Accounting System" for HSST was organized in association with Department of Computer Applications, to all commerce teachers of Ernakulam District. The programme started with a simple inauguration session. Coordinator of Computer Literacy Forum welcomed the gathering. The Principal Dr. A. Biju presided the inaugural session. The programme was inaugurated by Mr. M.A. Mohammed, Chairman, College Managing Committee. President and Vice president of Kerala Commerce Forum gave felicitation. With the vote of thanks by the joint coordinator the inaugural session came to an end. The resource person of this Programmme was Mr. Murugan R, Head, Department of Computer Applications. The FDP programme mainly focused on "Introduction to UBUNTU, Database, Libre Office -Calc and GNU Khata". Higher Secondary Teachers from around 71 schools attended the programme enthusiastically. The FDP programme was very informative and all the participants requested to continue this class for one more day through their feed back. It was a full day programme and concluded at 5.00 pm.







#### FACULTY DEVELOPMENT PROGRAMME

#### KNOWLEDGE ENRICHMENT PROGRAMME

Knowledge Enrichment Program is an initiative by Department of Computer Application to provide basic knowledge about trending technologies of the present world, innovation in science and various skills.

On 15 February 2018, a lecture session was conducted on "Research in Social Science: A societal need of the hour". On 24 October 2018, a session on "Artificial Intelligence" was arranged for PG students.

On 8 February 2019, in association with IEDC Start up Mission and CSI Local Chapter conducted full day program namely "Innovative Practice in Knowledge Enrichment Program".2. On 8 February 2019, Department a Soft Skill Development Program which focused on developing soft skills of the students which is a complementary to hard skill in occupational space. The program was organized for final year UG and PG students of the department.

# INTERNATIONAL DAY AGAINST DRUG ABUSE & ILLICIT TRAFFICKING

#### **AWARENESS PROGRAMME**



The Anti drug cell and Department of Psychology, Field Outreach Bureau, Ministry of Information and Broadcasting and Narcotic Control Bureau jointly observed "International day against drug abuse and illicit trafficking on 26th June 2018 on the occasion of Anti-drug day. Fr. Dr. Jacob Mannarprayil, President, Kerala State, Madhyanirodana Samithy, Vice-President of SanthiSmrithi and Gandhi Peace Foundation inaugurated the activities of anti-drug cell and Anti-drug day 2018.

Intelligence officer, Kumar Manohar Manjul, from Narcotic Control Bureau addressed the students. He gave a quick but very informative class on different drugs, its use and misuse. Mr Abdul Jabbar and Mr. Babu who are active participants in AA support group spoke about their experiences. They spoke about how they ended up in alcohol abuse and how their life was. After abstinence of 13-15 years now, how their life has changed & what all for which they are regretting now. This session was really touching to all the students. Mr. T.S. Sanjayan, Asst. Professor read out the pledge.

Prizes for the poster competition were given to the winners. Mr. L.C Ponnumon, Field Exhibition Officer, Field Outreach Bureau, Ministry of Information and Broadcasting, Government of India addressed the students and also delivered vote of thanks. In his address he asked our students to channelize their excess energy in a constructive way by actively helping their peer members to overcome such habits if any.

#### Department of Psychology









#### SPECIAL OUTREACH PROGRAMME

# **SWACHH BHARAT**

Jointly organized by Field Outreach Bureau, Ministry of Information & Broadcasting, Department of Psychology and Nss Unit

Department of Psychology, NSS Unit and Field Outreach Bureau organized a programme on Swachh Bharat on 13-16 November2018. The objective of the campaign was to intensify the focus on cleanliness and to create an environment of cleanliness across the country. Sri. M. Subramaniam, IIS, Regional Director, Regional Outreach Bureau, Trivandrum inaugurated the programme. Sri. L.C. Ponnumon, Field Exhibition Officer welcomed the audience and Principal, Dr. A. Biju presided the function. Felicitation was given by Sri.M.Krishnakumar, Marketing Manager, Hi-tech Biofertilizers, India. The awareness class was handled by Sri. Venugopal from Swachh Bharat Mission, Alappuzha. He emphasized about the long term adverse consequences of improper waste management especially chemical and plastic wastes. He sketched out the picture of the world after 20 or 30 years. The air we inhale, the water we drink are all severely affected with pollution. Life style diseases are drastically crossing the limits. Thus, with the objective to reduce the severity, the central government had implemented new projects like Shuchitwa Bharat Mission. The speaker mentioned about the various alternatives to reduce the threat posed by the wastes. There will be no life on earth after 100 years as Stephen Hawking once said, if we continue to exploit the environment. Thus, with rational and consistent waste management practice, we together can eliminate the adverse consequences.

A rally was conducted to spread the awareness in the college and was flagged off by Principal, Dr.A. Biju and Sri. M. Subramaniam. Exhibition on various sewage treatment plants was organized by Hitech Biofertilizers.

Cleaning programme conducted at Vazhakkulam health centre and nearby premises on 14 November 2018. A quiz competition conducted and the winners were given prizes and certificates by Swachh Bharat Mission. The magic show by Sri. Bose under song and drama division of field outreach bureau was both entertaining and informative for the audience.

On 16 November, 2018, story telling by Smt. Seena Pallikkara, State winner, was conducted by the song and drama vision of field outreach bureau. The program also stressed the importance of cleanliness across the country. Valedictory session was conducted for sharing views and evaluation about the programme.



#### OUTREACH PROGRAMME

As part of observing World Cancer Day, B.Sc. Psychology students went for a door to door campaign on 4 February 2019 with a mission to spread awareness on the dangerous disorder "Cancer".



#### WOMEN EMPOWERMENT PROGRAMME

Women Empowerment Program "AGNI 2018" was organized by the department to discuss the issues faced by women and children in the present scenario. The function was presided by Dr. A. Biju, Principal. Dr. Neelima R., Asst.Professor, Dept. of Psychology, UC College Aluva, inaugurated the progamme. Panel experts were Dr. Neelima R, Mrs. Bhagya B. Manual, Psychologist and Mrs. Manju Memon. Travelling experiences to different parts of India alone was shared by Mrs. Manju Memon, Guest Lecturer, Sree Krishna College. This was really an eye opener for all participants. Musical drama based on the theme was presented by I B.Sc. Psychology students.



# PSYCHO-SUMMIT ANTI RAGGING ACTIVITY

In association with the Anti Ragging Cell, the final year students of the department of psychology prepared a PPT and based on which awareness class was taken to all other students in the college. Students focused on the psychological effects and consequences of ragging. Faculties also accompanied the students and the legal aspects of ragging were taken by Adv. Mohanraj T.P, Assistant Professor, Department of Business Administration. The programme was held on 20th and 23rd of July 2018. Teachers including Joseph Deril (BCA), Dr. Sopna V Mohammed (BBA), Adv.Mohan Raj (BBA), Dr. Rashmi P. (Psychology) went to the Women's Hostel to give a separate awareness sessions to both Seniors and Juniors.

# DEPARTMENT OF BUSINESS ADMINISTRATION

# FINISHING SCHOOL

Finishing School was an innovative and creative step towards the career of final year UG students of the college and it is conducted on 7 January 2019. The aim of the programme was to give training in Interview techniques, group discussion and resume preparation. The resource persons were Mr. Sunil K.P. and Adv. T.K. Kunjumon from Life Lab international. Total number of students registered was 90.

#### ART WORKSHOP

An art workshop was conducted by the department for girl students on 23 January 2019.









#### INTERNATIONAL PAPER PRESENTATION





Muhammed Haris T M presented a paper titled "A study on Peoples' impression regarding the Multi-level marketing or Network marketing" in the International Conference organized by the Manipal International University, Malaysia on 26-27th March 2019.

Parthan Nandakumar presnted a paper titled "Artificial Intelligence and New Avenues in Business: A conceptual analysis" in the International Conference organized by the Manipal International University, Malaysia on 26-27th March 2019.

Department of Business Administration conducted a five day workshop, "Pathways 2019" under the Corporate Connect Forum for 6th STD students of Govt. U.P School, Vazhakulam from 14 to 22 January 2018. The objective of the workshop was to make the students aware about the importance of character building and to properly groom them to imbibe good personality. An organizing committee was formed by S4 BBA students wherein they made five groups and took classes on different topics Including Confidence and Courage, Good habits, life of eminent personalities etc.





Interdepartmental MOCK MAT

The Corporate Connect Forum of Department of Business Administration conducted a MOCK MAT Entrance exam for the Final year UG students on 6 December 2018. The number of students appeared for the exam was 180. Mr. Parthan Nandakumar and Mr. Joyal George of the III BBA secured first (144) and second (140) rank respectively. Ms. Varsha P.S. III B. Com. Taxation secured third rank (136). The exam was rated as competitive and helpful by the candidates.





#### Nimisha Thampi Memorial Scholarship

Department of Business Administration started a scholarship in memory of Late Nimisha Thampi of BBA (2016-19 Batch). Considering the academic record and financial background, Department distributed the Scholarship of Rs. 2000/- each to the following students on 7 January19. 1) Sabira P.K., II BBA 2) Vrinda I, II BBA 3) Faseela Nazeer I BBA and 4) Rafiya Mubeen I BBA. The scholarship was distributed in the valedictory function of finishing school programme.

#### Award and Achievement

Ahamed Jimshad K got selected as a FLAIR member by Department of Collegiate Education, Government of Kerala from September 2018. Selection comprises of funded orientation training, induction training and internship programme.

Ahamed Jimshad K is awarded with Certificate of Merit for his commendable performance in conducting the JAIVAM Organic Literacy Programme of Mahatma Gandhi University in Kottayam during the year 2017-18.



# DEPARTMENT OF PHYSICS



#### ENTREPRENEURSHIP SKILL DEVELOPMENT PROGRAM

Department of Physics organized a certificate course in skill development titled "Entrepreneurship Skill Development Program" for the undergraduate students during the month of December 2019. The aim of the program was to develop the basic skills to assemble low cost emergency lamps, series lamps, illumination stars, etc., using LEDs. The program was managed by the staffs of the department with the help of an external trainer. Financial support was provided by IEDC of the college. The students of the department actively participated in the program and laid out a self awareness about the energy conservation and its allied issues. The college provided and furnished a space for selling the devices assembled by the students from the same.





IAPT Sponsored
One Day Seminar
QUANTUM
MECHANICS

The Department of Physics organized a one day seminar on the topic "Elements of Quantum Mechanics" sponsored by Indian Association of Physics Teachers (IAPT) on 12 February 2019. The seminar was successful by the active participation of 25 students from various colleges.

The first session was handled by Dr. Pramod Dominic (Assistant Professor, Department of Physics, U.C. College Aluva) and he explains the sub topics such as Dirac notations, Stern Gerlach experiment, Linear vector space and so on. The second session was handled by Dr. K. Madhu (Assistant Professor, Department of Physics, U.C. College, Aluva) and he gives an idea about the historical development and origin of Quantum mechanics.



The department conducted "Physics Training Programme" on 17 December 2018. The program was executed for the students of class VIII, IX and X of MES public school Perumbavoor. Thirty students were participated. In the first session, the power point presentation—was done on the topic "An outlook through the experiments". This aimed to explain the principles of experiments exhibited on workshop. In the second session, workshop was conducted and school student done experiments with te help of our student.

#### **PHYSICS TRAINING PROGRAMME**

Exploring the night sky was a sky watch program organised by the Department of physics on 13 February 2019. The aim of the programme was developing knowledge in astronomy. Dr. N. Shaji, Retired Principal, TMJM college Mannimalakunnu, was the resource person.

Dr. N Shaji led a session on 'Night Sky' to School and college students. He gave a brief idea about the natural satellites, stars and constellations. In the open ground, the telescope was set up. All the participant were watched the moon closely. For most of the students, this was a first time experience and they were really excited. The telescope was then focused at Sirius, the brightest star in the sky. It was again an amazing sight for the viewers.

The program was attended by 25 students from marampally premises and students and staff of the college. The sky watch programme has been arranged for last three years.

# Exploring THE NIGHT SKY



**ADVANCED QUANTUM MECHANICS** 

# RESEARCH ENRICHMENT PROGRAMME

The Department of Physics on behalf of Research enrichment programme organized a talk on "Advanced Quantum mechanics" on 8 November 2018.

The session was led by Dr. N. Shaji (Former principal of Govt. College, Manimalakkunnu and Professor, Maharajas College, Ernakulam). He disscussed many topics such as Time Perturbation Theory, Interaction Picture and Field Theory and so on. The mathematical techniques to solve these cumbersome theories were also dealt effectively in the class. The talk was also much complimented as the speaker explained the historical evolution of quantum mechanics through instances and glimpses of the past.

On 4 January 2019, another talk was organized on the topic MATLAB which was led by Dr. Gopikrishnan, Assistant Professor, Department of Physics, Maharajas College, Ernakulam.

#### Seminar on

"Career Opportunities in Abroad"

A seminar on "Career Opportunities in Abroad" was organized by the Department of Physics on 14 August 2018. Dr. Najeeb Kuzhiyil, Staff Engineer at Exxon Mobil Mckinney, Texas, USA was the resource person.

# DEPARTMENT OF LANGUAGES



# WORKSHOP ON RUKA'A SCRIPT PRACTICE

On 24th September 2018, Our Department Organized workshop Ruka'a script practice in relation with the party of association program. Workshop Ruka'a Script practice is one of the successful program conducted by the Department. It was an one day program and arranged, co-ordinate MIs. Kadeeja Beevi P A Asst. Professor Department of Arabic.

Our students' especially new commerce of the department enthusiastically participated in this program. Our other faculties, Raihanath, Fathima K A, especially our head of the department Sharafudheen C A inspired us and guided us to this program. This is very interactive among our students and other department students. After this program we the faculties announced who will practice and use these scripts their all situations we special consideration in their internal mark score. So it is one of our successful program conducted by our department







#### Life is Art Itself

Department organized an invited lecture series "Life is Art Itself", on 7 February 2019. Mr. Bose Krishnamachari, President, Kochi Muzris Biennale interacted with students on Life & Art.



# Contemporary Art, Life & Its Representations

Department organized an invited lecture series "Contemporary Arts, Life and Its Representations", on 29 January 2019. Ms. Indrani Acharya Krishnamachari, President, Kochi Muzris Biennale interacted with students and teachers.

#### Good English Project

It is the flagship Programme of State Literacy Mission for revitalizing the English Language Skill of Adults. Students of English department handling classes for chosen people in Govt. Girls Higher Secondary School, Perumbayoor.





students and participants and altogether the programme was a successful event.

The department of Biosciences in association with

mme. Programme coordinator Ms. Neelima T.K. proposed the vote of thanks for resource persons,

WORLD WETLANDS DAY

# DEPARTMENT OF BIOSCIENCES











#### ENVIRONMENT MANAGEMENT TRAINING PROGRAMME

Department of Biosciences conducted Environment Management Training for Harithakarma Sena members of Vazhakkulam Gramapanchayath. The programme was funded by KSCSTE and conducted during 6-21 December, 2018. 44 members of Harithakarma Sena from Vazhakulam Grama Panchayth registered for the Programme. The programme was inaugurated by Mr. Sujith Karun, District Coordinator, Harithakeralam Mission. Various sessions are handled by Dr. Farook, St. Joseph Hospital, Manjummel, Eloor, Mrs. Fauziya K.M, Mrs. Nimsi KA, Mrs. Sajeena T.A., Dr. Nisha P., Mrs. Resiya Karim, Mr. Rafeeq C.M., Mrs. Neelima T.K., Mrs. Shalet Varghese, Mrs. Aswathy Vijay Assistant professors, Department of Biosciences, Prof. Raghunandanan, Associate Professor (Rtd), Kerala Veterinary and Animal science university, Pookode, Dr. Sunny Paul and Dr. Sissy Thankachan, Assistant Medical Officer, General Hospital, Ernakulam. In the fourth day of EMT programme participants are divided into five groups and each group visited flood affected houses and a survey based on flood was done. The survey team provided a public awareness and distributed booklets of hygiene and sanitation related topics. In the fifth day of EMT programme participants and the teachers of Biosciences Department visited waste disposal unit of North Paravoor located at vedimara. A Staff from the waste disposal unit explained about machineries (plastic shredding system, vendor compost etc.) and vermi composting units to participants.

## FREEDOM QUEST 18









The Department has been conducting Intercollegiate Quiz Competition for the last 4 years. This year "Freedom Quest 2018" was organized on 14 August 2018. Among 23 teams from various colleges participated in the preliminary round, five teams were selected for the final round. Mr. Dhanesh Sebastian was the quiz master, Sidharth R. Vyloppilly and Ashkar Ali, Newman College of Thodupuzha won first prize and Vishnu Somarajan and Rahul K., Thunjathezhuthachan Malayalam University, Tirur were the runners up. Prof. V.P.G. Marar ,Secretary, Kochi Gandhi Bhavan Committee delivered the Independence Day message to the students. Mr. M.A. Mohammed ,Chairman, College Management committee awarded cash prize of Rs. 5000/-, memento and certificate to the first prize winners and cash prize Rs. 3000/-, memento and certificates to runners up.

#### DEPARTMENT OF

## **ELECTRONICS**

#### **KSCSTE Sponsore**d Students Projects

Title of the project - "Power Land", Investigators: Neena Paul, Abhijith Babu, Sahad Pareed, Anfina Sabu and Abdul Fathah V.A., PI: Bhavya Kamal K. Menon. Title of the project - "Biometric Electronic Voting Machine", Investigators: Sirajulugh V.M., Arjun C.A., Akshai P.S., Muhammed Arif, Safeer K.A. PI: Shereena E.M.

# National Sciece Day Celebrations



The Department organized a project exhibition 'Resonance 2K19' as part of National Science Day celebrations 2019. The programme was inaugurated by the Principal Dr. A Biju.

The Department organized intra collegiate competitions on Major and Mini projects, Circuit Assembling and Idea Presentation. The programme was sponsored by the classmates of late Mr. Mukesh M Pillai, an alumnus of the department (2009-12 batch). The department and the students are in debt to their sincere support.

Seventeen Major projects were exhibited out of which eleven projects were done by UG students and six by PG students. Ten Mini projects also competed in the programme. Twenty teams from various departments participated in the circuit assembling competition. Idea presentation was based on the theme of National Science day 2019 – 'Communicating science to all' and seven students of various department participated in the event. The students of our department exhibited still models of Robots and other creatures assembled using the E-waste.

Mr. Harikrishnan D and Mr. Vishnu N of S2 BSc. Electronics won the first prize and Mr. Abdul Shameel C and Ms. Mubeena V A of S4 MSc. Electronics won the second prize in the Major project competition.

Ms. Aiswarya S and Ms. Amrutha R Nair of S2 MSc. Electronics secured the first and second prizes respectively in the Mini Project competition.

Mr. Ajas & Ms. Aswathy and Ms. Sameena M V & Ms. Rahanamol of S4 BSc. Electronics won the first and second prizes respectively in the Circuit Assembling competitions.

Mr. Sahad Pareed of S6 BSc. Electronics and Mr. Manu S Rajan of S2 MSc. Electronics won the first and second prizes respectively in Idea presentation.







#### **CERTIFICATE COURSE ON MATLAB**

The Department is conducting a short term certificate course on MATLAB for UG and PG students. This course offers 30 hours through on how to use MATLAB as hands on mathematics to engage students and facilitate critical thinking while implementing the common core standards of mathematical practice. The course mainly focused on Symbolic Math Tool Box. After the course practical examination was conducted and certificates distributed to the candidates.

#### **ELECTRONIC GREETINGS DAY**

The department celebrated Electronic Greetings Day on 29 November 2018 in which all events were conducted through electronic social media networks. The convenience and speed of sending an electronic greeting allow more people than ever to participate in this thoughtful process. In association with greetings we created an Instagram account with the name gree\_tech. Through this, students and staffs posted their views and wishes and best post was awarded.



Department of Commerce organized a three day programme, "Entrepreneurship Awareness Camp" in association with ED Club sponsored by DST-NIMAT from 29 to 31 October 2018. The aim of the programme is to create awareness and guidance among students about various aspects of entrepreneurship while highlighting the merits of pursuing a career option. Speaking on the occasion of the inaugural, the Chief Guest Mr. Baiju Nedumkady, MD and chairman of Agropark and food incubation centre encouraged the students to keep their dream enlightened towards new ventures. He urged students to take risk on starting a venture through different innovative ideas. The chief guest encouraged the students to think the

way to identify the business opportunities and mechanism of product selection. The students were told about the funding opportunities for commencing the business in both domestic and international level. Afternoon session was a seminar handled by Lorence Mathew, Industries Extension Officer and ED faculty Kerala Institute of Entrepreneurship Development. Second day workshop led by Sudheer Babu, Entrepreneurship Trainer, Founder and CEO De valor management consultant limited, on identifying students' entrepreneurial traits and idea pitching by ED club members. Resource person of the afternoon session, Dr. Iqbal, Faculty of KIED interpreting the importance of entrepreneurship in new era by videos.

# Department of Commerce

Entrepreneurship Awareness Camp · Social Extension Activities · Inter Collegiate Paper Presentation Competition · Orientation Programmes · Financial Assistance Programme · Training Programmes · Outreach Activity · Organic Farming · Value Based Education · Inter-Collegiate Quiz Competition · Awareness Programmes

#### **OUTREACH PROGRAMME**

As part of the outreach activity of the Department First Year M.Com. students with teacher visited Darussalam UP School, Chalakkal on 19 December 2018. The students were divided into three groups and they engaged the 4th standard students of 3 divisions from 1.30 pm to 3.10 pm. They taught the lessons of drawing, craft, traffic rules, quiz reuse of scrap papers, value based education and kusruthi chodyangal. This visit helped our students for controlling a classroom and teach various lessons on moral values to young children. This interaction helped the young children of Darussalam School to achieve new ideas of drawing and crafts.



# PAPER PRESENTATION COMPETITION

An inter collegiate paper presentation competition was organized on the theme "Paradigm shifts in commerce and Management" by the department of Commerce on 27 February 2019. As many as 38 registrations were there from various colleges. The judgment panel was led by Dr. Sopna V.Mohamed and Dr.Mumna Nazar. The Best paper was obtained by Sruthy Joseph and Aswathy Augustine for the paper entitled" A study on influence of online review on purchase intention". The certificate distribution was done by the Head of the Department of Commerce Dr. Rafeekamol C.A. The programme was coordinated by Dr. Farzana S. Hussain and Ms. Nishamol C. A. The student Coordinators were Anitta George and Muhsina Majeed. All the faculty members of the department were actively involved in the same.



#### **Ifthar Kit Distribution**

Department of Commerce in collaboration with Cultural Forum distributed 'Ifthar Kit' to the poor and needy non-teaching staffs, students of various departments and people of nearby areas of the college on 07 June 2018.



#### Onathinu Orumuram Pachakari

Department of Commerce in association with Vazhakulam Gramapanchayat distributed vegetable seeds to students and teachers of the college through which they can cultivate pesticide free vegetables in their homes on 02 July 2018.

#### Visit to Palliative Care

A team of faculty and I M.Com. students visited Anwar Memorial Palliative Care on 24 October 2018. Students had an interactive session with Dr. Hyderali. C.M, who delivered a thoughtful speech quoting with examples. He explained about the concern taken to care the patients and the value of relationships and love. We handed over 2 Oxygen Cylinders and its accessories costing Rs. 13000 and a Walker, which was donated by a student Alumni.



#### Patheyam

"Patheyam" a financial assistance programme at the "Jeevan Jyothi" Palliative Care Centre of Govt. Medical College, Kalamassery organized by the final year students of the department on 12 October 2018. Faculty Members and students handed over Rs: 5200 to Dr. Praveen G S, Nodal Officer, Palliative Care Unit, GMC, Ernakulam. By choosing this venue, these donations could help and serve to the people who deserve it. The programme motivated everyone and realized the value & importance of helping the helpless people.



#### AWARENESS PROGRAMME ON E-PAYMENT SYSTEM

On 20 February 2019, Department of Commerce organized an "Awarness Programme On E-Payment System" for the *Kudum-basree* Unit, Keezhmadu Panchayath. The programme was carried forward by three sessions with the scope of internet banking. Resource persons were Muhsina Majeed (First year M.Com. Student), Anitta George (First year M.Com. Student) and Haseeb Hassan (Third year B.Com Student). It started by 10:00 am with the welcome speech by The programme was conducted as three different phases.

The first session was begun by Ms. Muhsina Majeed as the subject was about the Tele Banking, it was useful and informative for kudumbasri members. Ms. Anitta George talked about the potentials of internet banking specifies the functioning of ATM machines. One should be aware about their strength and weakness and focus on the former and not the latter. They explained the various problems faced during internet banking. They were able to convey the basic awareness to all. The next session was by Ms Haseeb Hassan who talked about the practical session of E-payment. He pointed out the major factors behind the Online payment system.

The programme came to an end by 12:30 pm by making us realize the usefulness of Tele banking, Internet banking and E-payment and the practical side of electronic payment system with the vote of thanks by Ms. Sheeba Rajan (Kudumbasri member). The feedback given by kudumbasree unit reflects the happiness of them and success of the programme.



#### Career Orientation Programme

A career orientation session was held on 6 September 2018 for II B.Com. students. The topic of the session was 'Career opportunities for Commerce Graduates' which was led by Mr. Muhammed Hashim, ACCA, (Alumni of the department). The session mainly concentrated on the diverse career paths that an aspiring commerce graduate has in front of them.



#### Value Based Education

A motivational and value based education class was organized for II B. Com. Taxation students on 05 February 2019. The class was taken by Dr Leelamma, Ex-HOD, UC College, Aluva and Counsellor, MES College, Marampally. She talked about mental health & moral values to be maintained by a student in everyday life. She spoke about attitude, character, personality, mental & physical health and responsibility of a student.





On 27 October 2018, the training programme "Randhal"- An Art out of Waste was conducted jointly by Natural club and Commerce department. The resource person was Mr. Anzil Syed, Interior Co-ordinator of 'Olive Builders', Kaloor. The significance of the session is to convert the waste material into the productive useful things. The training session was carried forward by making paper pens, landscape and the lampshade. The model of the Eiffel Tower creatively made by him with used ball pen refills has been created innovative ideas for students.

RANDHAL An Art out of Waste



Department organized a session of Live Kerala State Budget 2018-19 evaluation telecasted by Media one channel on 13 February 2019. One hour live Budget evaluation session is shown to the participants and then made a discussion on various matters like, - Budget and after flood rehabilitation, GST and its impact, Medical Insurance, Business incubation or startups etc. Coordinator, Dr. Rafeekamol C.A., Head of the Department explained both positive and negatives aspects of Kerala budget in detail. The invited students expressed their view points about the programme.

BUDGET ANALYSIS Webinar & Discussion



An exciting inter-collegiate quiz competition was organized by the department on 15 February 2019. Nine teams from various colleges participated in this programme. BIZ QUIZ 2019 was a learning experience for both the audience and participants. The winners are Rosna.T J and Nishana.T N of St. Xaviers College, Aluva with cash prize 2500. The second prize won by M. Sreekand and C.N. Krishnan of UC College, Aluva with cashprize 1000. The overall charge of competition was coordinated by M. Com. students under the guidance of Mr. Prayeen E.P..

BIZ QUIZ 2019 Quiz Competition

#### Orientation Programme



An Orientation Programme was organized for the first year B.Com. (CA) and B.Com. Taxation students on 25 January 2019. The resource person was Sri. D. Harikumar, MD, Praxis Consultancy Services. The students were involved in various activities like self introduction, goal setting, leadership and games as part of the programme. 120 students participated in the programme.

#### On-Site Learning



On 26 February 2019, II B.Com CA students visited Coir industry in Alappuzha, to learn about the still surviving traditional industry. The first part of our visit was the International Coir Museum at Kalavoor and a film was shown to us about the history, development and influence on economy, export opportunities, creative applications and innovative techniques introduced.

REFLET 2018-19 THE MES COLLEGE MARAMPALLY

#### Organic Farming



On 15 February 2019, Nature club & department jointly organised 'Organic Farming'. 25 growbags were provided by the Keezhmadu Panchayath for the programme. The students and faculty members planted the seedlings in the grow bags. Dr. Mumna Nazar spoke about the benefits of grow bags and enlighten how we can love the nature & encouraged to create a feel of nature.



#### DEPARTMENT OF PHYSICAL EDUCATION

#### International

Rahul Krishna II B.Sc Electronics, won third place in category below 1200 Battle of Kings International Open FIDE rated Chess Tournament held at CSA hall Angamaly.

#### **National Events**

Haneefa K.G appointed as Referee for National Sub-Junior Kurash Championship held at Jharkhand.

Technical Official for Cadet & Junior National Kurash Championship held at Belgaum, Karnataka.

National and All India Inter University Championships Rahul Krishna, represented Kerala State in the 39<sup>th</sup> National Chess Tournament held at Kolkatta and represented M.G. University for South Zone Interuniversity Chess Championship. Shanila K.V. and Nisha M. appointed as Kerala Team Coach and team manager respectively for the National Sub-Junior Kurash Championship held at Dhanbad.

Arsha V.M, Keerthana N.K., Saranya V.V., Chinju Mol P.A., Anjali M.K., represented MGU for AIIU Taekwondo Championship held at Rohtak University, Haryana.

Anagha Reejan, represented Kerala state for Senior Wrestling Championship held at UP and represented M.G. University for All India Interuniversity Wrestling Championship at Maharastra. Preethi B, Represented Kerala State for Junior National Kurash Championship held at Belgaum.



#### M.G. University Intercollegiate Championships

Arsha V.M., Anjali M.K., Keerthana N.K., Saranya V.V. and Chinju Mol P.A., (Gold Medal) Shanila K.V. (Silver Medal) and Aneesha Mani, Shiya Merin Alias, Mohammed Naimal, Muhammed Rafiq (Bronze Medal) in the MGU Intercollegiate Taekwondo Championship.

Anagha Reejan (Gold Medal) Shanila K.V., Keerthana N.K., Saranya V.V., Chinju Mol P.A., Anjali M.K. (Silver Medal), Muhammed Shadhil (Bronze Medal) in the M.G.U. Inter Collegiate Wrestling Championship held at Maharajas College, EKM. Nisha M., Keerthana N.K., Saranya V.V. (Silver Medal), Anagha Reejan, Chinjumol P.A., Arsha V.M., Muhammed Faris (Bronze Medal) in the M.G. University Intercollegiate Judo Championship held at St. Stephen College Uzhavoor.

Mohammed Shahul K.S. secured Bronze Medal in the M.G. University Intercollegiate Weightlifting Championship held at Catholicate College, Pathanamthitta.

All Kerala State Championships Arsha V.M., Saranya V.V., Chinjumol P.A., Anaga Reejan, Aneesha Mani, Keerthana N.K. (Gold Medal) Shanila K.V., Nisha M, Anjali M. K. (Silver Medal) in the All Kerala State Senior and Junior Wrestling Championship held at Vasco Da Gama, Fort Kochi.

Keerthana N.K. won 2 Bronze Medal in the All Kerala State Taekwondo (Pumse) Championship held at Kasaragod group & mixed pumse. Anagha Reejan, won silver Medal and Saranya V.V. won bronze Medal in the All Kerala State Senior Wrestling Championship held at MGM Higher Secondary School Thiruvalla, Pathanamthitta.

Anagha Reejan (Silver Medal) and Keerthana N.K. (Bronze Medal) in All Kerala State Junior Wrestling Championship held at Mundayad Indoor Stadium, Kannur.

Anagha Reejan (Silver Medal) Muhammed Faris II BCA (Bronze Medal) in the All Kerala State Junior Judo Championship held at Sree Sankara College, Kaldi.

Saranya V.V. (Bronze Medal) and Chinju Mol P.A. (Bronze Medal) in the in the All Kerala State Senior Judo Championship held at V.K.N. Menon Indoor Stadium, Thrissur. Sajjad secured runner up Trophy (Badminton Singles) in MES Intercollegiate Sports Fest held at MES Perunthalmanna.

Sanjay, III B.Sc Psychology won Silver Medal in Ernakulum district Kurash Championship held at International Martial Academy, Thripunithura, Ernakulam.







#### ANNUAL ATHLETIC SPORTS

The Department of Physical Education and College Union jointly organized Annual Athletic Meet on 6 & 7 February 2019. The athletic meet was inaugurated by Mr. Tinu Yohannan, Indian Cricket Player and Director High Performance Centre, Kerala Cricket Association and the function was presided by Principal Dr. A. Biju. The Chief Guest, Mr. M.A. Mohammed, Chairman & Mr. T.M. Zakkir Hussain,

Treasurer, College Managing Committee felicitated the programme. Thirteen athletic events were conducted for boys and girls separately. Athletic Event started with the March past by the various houses. Each winner has been awarded with a Medal and Certificate. Mr. Jawhar Jahangeer and Ms. Vismaya Johnson secured individual champion award in boys and girls category respectively.

#### MG UNIVERSITY INTERCOLLEGIATE TAIKWONDO CHAMPIONSHIP

MG University Intercollegiate Taikwondo (Men & Women) Championship 2019 organized at MES College Marampally on 21 and 22 January 2019. Mr. M.A. Mohammed, Chairman, College Managing Committee inaugurated the championship. Dr. A. Biju, Principal, Dr. Binu George Varghese, Director, SPESS, MG University, Mr. Zakkir Hussain, Treasurer, College Managing Committee, Mr. P.A. Siraj, PTA Member were felicitated the programme.

Twenty two teams from various colleges participated in this championship. BPC College Piravom and St. Pauls College, Kalamassery won overall and runnersup trophy respectively in men category. MES College Marampally and Maharajas College, Ernakulam won overall and runnersup trophy respectively in women category. Dr. Binu George Varghese and Mr. Steephen Mathew, Secretary, Ernakulam District Taikwondo Association were distributed prizes to the winners.







# Deapartment of MATHEMATICS & STATISTICS

















# DEPARTMENT OF MATHEMATICS & STATISTICS Seminar/Competitions/Exhibition

#### > MATHEMATICS IN YOU

The Department organized an intercollegiate programme named "Mathematics in You" as part of Mathematics Day Celebrations on 8 August 2018 supported by KSCSTE. A talk on 'Recreational Mathematics' led by Dr. Bino Sebastian (Assistant Professor, MA College, Kothamangalam) and four exciting competitions - Math teacher, Math solver, Math writer, Math Maker were the highlights of the programme. Seventy three students from various colleges were participated.

#### > BLOOMING MATHSTERS

Blooming Mathsters was an activity based competition organized by the Department in association with the Alumni association of the department, 'Mathmecisians'. The competition organized for Plus one & Plus two students on 27 February 2019. A session on "Examtips and Career Guidance" was led by the alumni representatives, Mrs. C.K. Lamiya and Ms. Mikshala A.U. Thirteen students participated.

#### KANAKUM KARIYAVUM

The students of II B.Sc. Mathematics had taken regular classes for Fifth and Seventh Standard students of Nuzrath-ul-Islam L.P School, Marampally, Aluva during February and March. The teaching session was ended with group discussions. On 26 March 2019 the validictory function was arranged in which a talk on "Mathematics in Nature" was led by Mrs. Arija Rajeev, Assistant Professor of the department.

#### > MATHEMATICS FOR ALL

As part of National Science Day celebrations, the Department organized two Day programme "Mathematics for all" supported by KSCSTE on 25-26 February 2019. A workshop on DESMOS was organized for the teaching faculties and PG students. The session was handled by Dr. Pravas K, Assistant Professor, KKTM College, Pullut. Mathematics Exhibition MODEX 19 was also arranged. Students and teachers from various schools and colleges visited the exhibition.

#### ➤ MATHMERIZERS

The Department conducted an Interdepartmental puzzle Competition 'Mathmerizers' as part of Pie day celebration on 27 February 2019. Students from various colleges participated.



One Day Workshop

arriculum D

Department of Vocational Studies organized a one day workshop on "Curriculum Design of B.Voc. Programmes" on 30 November 2018. The main agenda of the programme was to generalize the general componets of the B.Voc programmes. Nodal officers and faculties from 11 colleges participated in this workshop. The workshop was inaugurated by Dr. K A Zakkariya, Director, DDU Kaushal Kendra, CUSAT.

The workshop had 3 sessions. In the first session various faculties and officers shared their experience and expectations. In the afternoon session a discussion was made to align the programme structure and credit allocation of various B. Voc programmes running under M.G University. A decision was made to follow a common pattern for the general components and syllabus structure. The last session was about Fund Utilization and Prof. Jayaprasad clarified the doubts of lodal Officers. The programme was very helpful and reliving the newly registered colleges.







#### Pittura – Painting Workshop

Department of Animation & Graphic Design has organized a students' Painting workshop PITTURA from 17 to 21 December 2018. It was inaugurated by Saji Thururhil, HOD Mural Arts, Sree Snkara College, Kalady. Head of the department of Vocational Studies Mrs. Sresubha P. welcomed the gathering. Dr. Murugan R., HOD, Computer Science Department, B.Voc. Program Coordinator Mr. Ajimsha Maidheen felicitated the Program. Mr. Francis Xavier was the programme coordinator. Students from various departments participated in this event.



#### Seminar – Recent trends in Shipping and Ocean Freight

Department of Logistics Management has organized a one day Seminar on the topic 'Recent trends in Shipping and Ocean Freight'. The Speaker of the Program was Capt. R.V. Rajesh Nambiar (AFNI), Cocjin Port Trust. The function was presided by Dr. A. Biju, Principal and welcome speech by Mrs. Neenu Joseph, Head, Logistics Management. Mr. Murugan R, HOD, Computer Science Department and Student Coordinator Mr. Ummer Farooqe felicitated the function. Mr. Shajin P, Asst. Professor was the Coordinator.





# PRAGATHY















Pragathy, an association of students, teachers, non teachers and management of our college gifted School Bags, Uniforms and Study Materials to the students of Vazhakkulam Govt. U.P. School. The Programme was inaugurated by Mr. Shabareesh Varma, Cine Artist and Dr. A. Biju, Principal presided the function. This social extention activity has been organizing for last five years under the supervision of Dr. Sopna V. Muhammed, Associate Professor, Department of

Business Administration. Mrs. Mini Mathew, Head Mistress, Govt. U.P. School and PTA Executive members were present in the programme. The students are also invited to various activities organized by the college and they are getting special coaching for sports events from Physical Education department. The Department of Business Administration also conducted a five days workshop under the Corporate Connect Forum for students of STD 6.



#### FLOOD RELIEF CAMP



The surroundings of the college was one of the most affected areas by the flood. When the shutters of the Idukki dam was opened on the first week of august, the college chosen as the camp for those people living on either sides of the Periyar river. The College auditorium opened its doors for the victims and transportation was arranged in the college buses. The camp lasted only a few days as the flood was short-lived. The camp was reopened on 15th August, when the water level in Periyar advanced due to extremely heavy rain fall again. The NSS, NCC, Emergency Response Team and the REDCROSS club of the college were always at hand for any assistance. As the flood spread more, more number of people turned up in to the camp. On 15th august representatives

representatives of MES College for Advanced Studies, Edathala turned up with rations for the flood affected. By evening, MES Ernakulam District President Mr. Zakeer Hussain visited the camp for looking after the smooth functioning. As more people were rehabilitated, the AIMAT block and BCA block was opened up for the victims. Special care was given to pregnant women, disabled and the diseased. The canteen service was also extended for cooking and serving food. By august 16th, almost 4000 people had turned up in the camp out of which 350 were the labourers from other states.

The NCC, NSS, RED CROSS, CERT, Alumni association of the college supported the camp effectively and the police department and the government authorities coordinated the smooth functioning of the camp. A medical team with three doctors was present in the camp for medical assistance and a counselling team was also summoned for providing mental support to the victims. On the last day of the camp, an orientation class was given to the victims by the social worker, Venu Variath on the steps to be taken, once they get back to their flood affected homes. The victims were also provided with a ration kit with food clothings and cleaning tools. Many political leaders, socialists and higher officials visited the camp and opined that MES College Marampally was the best functioning camp in Ernakulam. This was the result of the perfect coordination between the Management, students, staff and alumni of the college.



Chendamangalam, a hand loom village in the Ernakulam district was severely affected by the flood. As part of the survival, an innovative idea was proposed by Ms. Lakshmi Menon, a designer along with Mr. Gopinath Parayil, founder of a travel company, a project called 'Chekutty'. In Malayalam the word 'cheru' means dirt and kutty means child; therefore 'Chekutty' is the child who overcome the dirt in Chendamangalam. This handmade doll, fashioned out of sullied or flood affected fabric of the hand loom textiles, symbolises hope and unity. The founder and the coworkers started up by building the Chekutty dolls from the damaged sarees and dhotis which in turn helped to makeup the losses faced by the weavers.

To build up together, the Bioscience Department has joined its hands and started an initiative to help the Chendamangalam weavers. They went to the *Kalamkari* boutique at Panampilly and learn the chekutty making flood trapped hand weaved sarees and threads of Chendamangalam. The students quickly grasped the method and helped them to make a few. After getting the materials the students cordially made about 250 chekutty dolls. The dolls were then given back to the owners for sale.

In the process, we realised that each chekutty was not just a doll, but a symbolization of valour of mankind that survived the flood and it surely has sewed the hope of survival of humanity in the world.







Mr. Zakkir Hussain, Treasurer, College Managing Committee, Dr. A. Biju, Principal and Lt. Ibrahim Salim M., NCC Officer receiving award on behalf of MES College Marampally from Mr. V.P. Sajeendran, MLA, Kunnathunadu instituted by *Manava Souhardha Vedhi*, Vazhakkulam for extending support for the flood refugees and their rehabilitation activities.

# REHABILITATION ACTIVITIES

# FREE WATER QUALITY ANALYSIS

The cleaning of the flood affected houses was a tedious task and a team was set up from the college, that included teaching, non-teaching staffs and students. The required resources like water guns, mops, cleaning liquids, wipers and other amenities were provided by the management. This team prepared a schedule as per which they were divided into smaller teams and each team went to different areas and assisted in the cleaning process.

After lending the helping hands to the most deserved, the team had prioritized the cleaning of the houses of students and staffs of the college. The team was equipped with all the resources required for cleaning and helped the people to come back to normalcy at the earliest. The team then assisted in the cleaning of about 30 houses, Marampally Mosque, Community hall, Vazhakkulam Panchayat building, temple, libraries etc. Office staffs Mr. Majeed, Mr. Noushad, Mr. Jamal and Mr. Abdul Rahman deserves a special mention for coordinating and leading the entire work in the field. They worked tirelessly from morning to night and would stop only after the normal life had ensured for the total inhabitants.

The management decided to help the victims further by providing free uniforms, books etc. A total of 444 students were identified, and the management provided uniforms, notebooks, ID tags, records and textbooks etc. Besides these the academic and household needs of the victims were also met by providing books, rice, groceries, dress, napkins, slippers, dresses etc. for the flood affected students.

As part of the flood relief assistance and activities, MES College, Marampally, offered water quality analysis free of cost to the public. Three hundred water samples were tested in the water testing laboratory (Kerala Pollution control Board accredited) working under the Department of Biosciences, MES College, Marampally free of cost which included water sources such as wells of various houses, hotels, institutions such as schools, various industries etc. Most of the water samples were contaminated by storm generated discharges and overflows, septic tank collapse or leakage and sewerage over flows.

Parameters such as pH, turbidity, total plate count, presence of faecal coliforms and E. coli were tested. Out of the total samples approximately 98% were contaminated with high levels of faecal coliforms and E. coli was present in approximately which indicated faecal contamination. Necessary advice regarding the measures to be taken to improve the sanitary quality of the drinking water sources was given. Presently we are in the second phase of water quality analysis as we are now analysing the samples from wells which are treated by chlorination or other suitable methods several times. These treatments are found effective and the positive outcome observed is that, the water samples that we receive now are reported to contain lesser levels of total microbial contamination as well as faecal coliforms and E. coli; indicating significant improvement in the sanitary quality of the water sources.









#### KERALA FLOOD 2018



In the first stage itself Kuttanad was witnessing a massive flash flood. M E S College Marampally in association with NCC, NSS a nd Department of Vocational Studies collected an amount of Rs. 25000/- from students and decided to donate the amount to flood relief activities. In the mean time we came to know about the venture and understood the importance of the task at the current state of affairs and decided to include Eranakulam district Committee to be a part of it. Under the leadership of District committee about Rs.2,00,000/- were collected from various MES institutions. This marked the beginning of the glorious flood relief activities performed by Muslim Educational Society.

Remaining activities were organized with the help of Alappuzha District Committee. President Dr. Firoz, informed Dr. Fazal Gafoor, MES State President about the mission and he decided to coordinate the program in the state level. State Secretary Sri. P.O.J. Labba has decided to allocate state committees contribution into the relief fund. Motivated by this, Alappuzha district Committee has also raised an amount.

In the next day along with State secretary MES, Ernakulum District Secretary M.M. Ashraf, leaders such as Hamsakkoya, Asees, Dr. Firoz, Shefeeq, Rasheed, Hakkim, Salim, Razaq, Shanavas, Shahul Hameed, Dr. A Biju were visited PWD minister G.Sudhakaran at Collectorate, Alappuzha. Honourable minister Sri. G Sudhakaran appointed the Collectorate officials to arrange background facilities for the mission.

About 400 kits including clothes, cleaning materials, sanitary napkins, medicines, stationery etc. were distributed. On August 7 under the leadership of Sri. Jabbar Jalal, Youth wing State President and Lt.Ibrahim Salim, NCC Officer, MES College Marampally, a group representing Ernakulum District Committee reached Alappuzha. Under the leadership of Ambalapuzha Taluk Secretary Jb. Hakim, District President Dr.Firoz Muhammed a team of 14 members started in a boat to Kuttanad with flood relief kit along with them. The revenue officials Sri Riyas, Sri.Santhosh appointed by Collector also accompanied the team. They started at morning 8.30 from Rajiv Gandhi Jetty.

# EXHIBITION 31<sup>ST</sup> KERALA SCIENCE CONGRESS









Exhibition On Pralayam Oru Nerkkazhcha

2-3 February 2019

MES College Marampally participated in the exhibition conducted by the Kerala State Council for Science Technology and Environment, as part of the 31st Kerala Science Congress at Fathima Matha National College, Kollam on 2-3 February 2019. The theme of the exhibition was 'Pralayam Oru Nerkkazhcha' and our college exhibited posters which were made by the photos taken by the staff and students during the time of flood.

We presented the theme in four segments. The posters in first section were the sights of flood, the places in and around Aluva and Marampally. The second set of posters showed the Flood Relief Camp opened at our College. The third section of posters featured the cleaning and rehabilitation works done by the College to support the staff, students and people in the locality. The cleaning works were extended to Kuttanadu in the Alappuzha district on Mega Cleaning Day, in which 200 volunteers from the college participated. And the last section was about the support extended to the people of Chendamangalam Handloom Village by taking part in the making of 'Chekkutty'. Dr. S. Pradeep Kumar, General Convener, 31st KSC & Member Secretary, KSCSTE visited our stall. Eminent personalities from various organizations visited the venue and got great appreciation for the remarkable efforts put in by the College during flood.

Three faculty members Mr. Rajesh M R, Ms. Resiya Karim and Ms. Roshni Alex, along with three student representatives Mr. Abhigith Abraham, Mr. Job Alexander and Mr. Nayif participated in the Exhibition. Our team presented two videos, one on 'flood' by Department of Vocational Studies and the other on 'Making of Chekkutty' by Mr. Job Alexander, Department of Biosciences, in the Congress.

# ONE DAY SEMINAR ON

GENDER/
DISCRIMINATION/
EMPOWERMENT AND
CYBER CRIMES
AND LAW







Internal Complaints Committee organized an awareness programme for final year degree students on 10 January, 2019. Resource persons were Mr. Thalhath P.M, Civil Police Officer, Cyber Cell, Aluva, Harikrishnan M, Project Officer, Kerala State Women Development Corporation and Abdul Jamal, SI of Police, Binanipuram. 150 students participated in the sessions. The theme was based on cyber-crimes and law awareness class and Gender/ Discrimination/ Empowerment. Students were detailed about various cyber related pitfalls from multiple social media apps like WhatsApp, Facebook and Google. Various reports on how youngsters and adults were affected were shown through Power point presentations to capture maximum attention. Security issues about mobile

phones, which could disrupt the minds of youngster's, sexual harassment issues involving young women, sextortion were brought to notice. Videos showcasing victims and issues about cyber-crimes was displayed.

The need for women to be self-reliant and the ways in which they can overcome harassment at workplace through education and enlightened approach was highlighted by Mr. Harikrishnan. Girl students were made aware of the various legal recourses and aids they can seek was presented.

Mr Abdul Jamal led the session on usage of drugs and its impact on health. Many reported cases were discussed.

The message "Don't fall for the addiction of drugs, live a healthy life" was impressed upon the students.







# Two Day Warkshop On Research Methodology, Writing Practices, Language and Soft Skills

A two day workshop on 'Research Methodology, Writing Practices, Language and Soft Skills' was conducted on 18 & 19 January 2019 sponsored by KSCSTE–Women Scientist Division (WSD). Mr. R.S. Praveen Raj, Senior Scientist - IP Management & Technology Transfer, NIIST, Trivandrum inaugurated the workshop.

First technical session on 'IPR – A General Introduction' was led by Mr. Praveen Raj and he gave a very informative lecture on IPR and its different forms. Dr. Madhu S. Nair delivered a talk on 'Measuring Academic Research: Role of Journal Indexing & Scientometrics'. He pointed out the importance of

publishing our research works and selecting the right journal Indexing & Scientometrics'. He pointed out the importance of publishing our research works and selecting the right journal indexed in the world's leading indexing services, provided by Thomson Reuters such as SCI, SSCI, AHCI, ESCI, CPCI, IEEE, Elsevier etc. Dr. Jos T. Puthur gave a detailed account of the essentials required for writing good research proposals. Mr. Rajeev explained the importance of soft skills for a successful researcher. Dr. Bindhu Jamal gave a talk on the importance of good language and writing skills for researchers especially during scientific communications.







The Department of Mathematics and Biosciences jointly organized National Science Day Celebrations 2019 from 25-27 February 2019 with the financial support of KSCSTE. The focal theme was "Communicating science for all". The event was inaugurated by Dr. Chandrasekharan M., Professor, CUSAT. After inauguration Dr. Chandrasekharan M., led a session on 'Communicating Science to All'. He explained the importance of communicating science to audience of various understanding levels. Teachers

ained the importance of communicating science to audience of various understanding levels. Teachers should be able to communicate science with suitable examples. A slide show based on the theme 'Milestones in the Advancement of Science' was exhibited for students of Govt. U.P School, North Vazhakulam. The scientific discoveries that took place in various fields were shown in the slide show which was quite interesting to the students.

A workshop on "DESMOS" was organized to convey the theme, "Mathematics for all". Desmos is a powerful, online graphing calculator designed to plot any equation, explore transformations, create complex tables and more. The session was led by Dr. Pravas K, Assistant. Professor, KKTM Govt. College, Pullut. Two day Exhibition "MODEX-2019" was organized as part of the celebrations. Students enthusiastically participated in the exhibition and made amazing still and working models on various topics.

An Intercollegiate Science Quiz competition was conducted in which SSV College, Valayamchirangara and Sree Sankara College, Kalady won the first and second place respectively.

A Debate Competition on the topic 'Negative and Positive Aspects of Science' was conducted at college level and prizes distributed for winners.

### National Science Day Celebration



# NSS

NSS Unit received certificate of appreciation and Dr. Jasmine P.M., Assistant Professor, received certificate of appreciation for the commendable performance as NSS officer from MG university for the academic year 2018-2019.

Swapnaveedu HOME FOR HOMELESS National Service Scheme, NSS is the right platform, where the youth of the nation may get to involve with real life social activities and thereby become the responsible citizen in India. NSS unit of M E S College Marampally had conducted a lot of activities like cleaning drives, awareness programmes, blood donation camps, creation of community assets, environmental protection etc. I congratulate all the volunteers for their sincere effort to the certificate of appreciation of our unit from Mahatma Gandhi University. I sincerely thank the Principal, management committee members and colleagues for their encouragement and support.





Foundation stone laying ceremony of 'Swapnaveedu' a home for homeless student in the college was done by Dr. P.A. Fazal Gafoor, President, MES Kerala (Left). Key handing over ceremony of the same was summoned by Prof. Sabu Thomas, Hon'ble Vice Chancellor, Mahatma Gandhi University, Kottayam on 19 September 2018 (Right).





#### Kulam Naveekaranam

Thirteen volunteers participated in the cleaning of a pond located in the 20th ward of *Vazhakkulam* Gramapanchayath on 01 May 2018. It was the first project of NSS during the 2018-19 academic year. The project was included in the collector's "nooru kulam padhathi. Smt. Viji Sunny, President, Vazhakkulam Gramapanchyath & members of different wards were also present in the function.

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#### Volunteers Participation in National Camps

Lamiya Sayyida Annoor of II B.Sc. Psychology attended the National Level Adventure Camp held at Adal Bihari Vajpayee Institute of Mountaineering & Allied Sports (ABVI-MAS), Manali for NSS volunteers from MG University. The camp started on 12 October 2018 and duration was 10 days.

Sri. Uveysudheen K.H, of II B.Sc. Psychology participated in the National Integration Camp of NSS volunteers held at Sri Sathya Sai Arts and Science College, Thonnakkal, Thiruvananthapuram from 10 to 18 December 2018. The camp was very useful and he got the opportunity to participate in different competitions and bagged prizes for essay writing, debate and patriotic song.



#### **SWAP SHOP**

To Promote the activities of Suchitwa mission, a Swap shop was set up in the campus on 28 January 2019. Volunteers collected used and unused goods (books, dress, footwear, ornaments, kitchen utensils etc.) from the staff and students of the college. The goods were exhibited in the amenity centre from 10 am to 4 pm on the day. The shop was inaugurated by Dr. Manzur Ali PP, IQAC Coordinator. Some goods were sold and others we given free of cost. An amount of Rs. 2,300/-was collected through sale and it was handed over to Welfare Association Trust, Aluva.







#### **Blood Donation**

NSS in association with IMA Aluva organized blood donation camps on 11 February and 1 March 2019. 70 students donated blood in the camp and they received donor cards, which could be utilized subsequently for the purpose of securing blood in situations where it is difficult to get volunteers for donation. Apart from the above mentioned more than 120 units of blood were donated by the volunteers during this acdemic year.



#### **NSS Day Celebrations**

by Anwar Sadath, MLA Aluva. The awareness rally started from Municipal Town Hall, Aluva and ended at Adwaidhashramam, Aluva. Volunteers carried placards based on the theme and also raised slogans. The Suchitwabodhanayagnam programme is conducted regularly from 2010 onwards to make the Ernakulam district clean, green and healthy.

NSS day was celebrated on 24 September 2018 by planting saplings in the campus. 50 saplings were planted and the charge of maintenance was given to various departments. The students arranged an exhibition on ecological and environmental importance of trees such as preserving soil, providing oxygen, climate amelioration, improving air quality, consrving water and supporting wild life. 500 students visited the exhibition.



#### **Training Programme**

An initiative of World Malayalee Council, ALTIUS, conducted a training programme to the students of various colleges on 16 March 2019 at MES College Marampally. The aim of training programme was to groom them to become 'Globally Competent and Socially Committed' Leaders of Tomorrow. Fifteen volunteers from our college participated, among them five were selected for the follow up meets.





#### **OLD AGE HOME VISIT**

NSS volunteers visited the Welfare Association Trust: home for the old and helpless, Veliyattunadu, on 26 December 2018 and 23 February 2019. They spend time with the inmates over there and organized some cultural events with including them.

The inmates really enjoyed the time by interacting and performing with volunteers. It was a wonderful experience for the volunteers. They distributed sweets to the inmates and donated Rs 2600/- to the Trust.



#### AIDS Day Awareness Rally

AIDS Day Awareness Rally was conducted in association with the B.Voc. Animation and Graphics Design Department and Family Health Centre Vazhakulam. The rally was flagged off by Smt. Viji Sunny, Chairman, Standing Council on Health, Vazhakkulam Gramapanchayath. The rally started from the college and finished at Family Health Centre. Volunteers distributed awreness articles in the shops and houses at Marampally Junction. The 2018 World AIDS Day was under the theme "Know Your Status". 80 volunteers and NCC Cadets were participated.



# Awareness on Organic Farming

NSS unit organized lot of activities to promote organic farming on NSS volunteers. A vegetable garden was set up in the campus by utilizing the amount sanctioned by Krishibhavan Vazhakkulam under the Vegetable Development Programme of Kerala Government.

As per the direction from the Hon'ble Vice Chancellor, Samaksham, the film produced by Mahatma Gandhi University is shown to the entire students of the college. The film is based on the theme Organic Farming.



#### Election Awareness Camp

To create awareness among the students regarding the importance of casting votes is done by NSS and Paliamentary Affairs club of the college in association with Kunnathunadu Thaluk Office on 19th March 2019. The students were also familiarized with the electronic voting machine with VVPAT verification system. Various procedures required in the process of voting were also explained. The participation of around one thousand students made this programme a grand success.





#### SEVEN DAY SPECIAL CAMP

#### **SUKRUTHM 2018**

The special camp 'SUKRUTHM 2018' was organized in the adopted village, Vazhakkulam from 21 December 2018. Govt. U.P. School, Vazhakkulam was the camp site. The recent flood and its rebuilding process were the main project of the camp activities. The volunteers of the NSS Unit performed many other activities and participated in awareness programs like road safety, cyber crimes, personality development, etc.

The camp was inaugurated by Mr. V.P. Sajeendhran, Kunnathunadu MLA in the fuction presided by Dr. A. Biju, Principal. Mr. M.A. Mohammed, Chairman, College Managing Committee, Mr. Zakkir Hussain, Treasurer, College Managing Committee, Smt. Mini Mathew, Headmistress, Govt. U.P. School, Vazhakkulam, Dr. Zakkariya K.A., Secretary & Correspondent, College Management Committee, Mr. Vipin P.S, Health Inspector Family HealthCentre, Vazhakkulam, Dr. Manzur Ali P.P., IQAC

Coordinator), Lt. Ibrahim Salim M., NCC Officer, Parthan Nandakumar, Former NSS Volunteer Secretary, Mr. Umarool Farook, Chairman, College Union facilitated the gathering.

After the inaugural function, Mr. Zakkir Hussain hoisted the NSS flag. The first session on Group dynamics was handled by Mr. Dhanesh Sebastian, Assistant Professor, Department of English. In addition to the flood rebuild activities, awareness programmes, field programme on Suchitwa mission at Thiruvairanikkulam temple, Chekkutty making, old age home visit, were also performed. The valedictory function was inaugurated by. Ms. Shereena Basheer, President of Vazhakkulam Grmapanchavat, Dilbar Hasan K.N. of B.Sc. Electronics and Krishnapriya of BCA were selected as the best male & female campers. Camp Magazine, Camp Diary, and Camp Report were released in the occasion.









#### World Sight Day

The theme of world sight day 2018 is 'Universal Eye Health'. It was observed by the NSS unit on 10 October by visiting School for the Blind, Aluva. It was a half day visit, in which volunteers interacted with the children there and watched the their music band performance. Ms. Giji, Principal provided a handful of information about the learning procedures of the children over there.

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#### World Fisheries Day

World fisheries day was observed by the NSS Unit on 21 November 2018. The theme of this year is '2022 Ka Hai Sapna Kisan Ki Ay Ho Dugna- Sankalp Se Siddi'. An inter-departmental story writing competition was conducted and the winners were awarded on the College Day. Sahadiya V.B. of I B.Sc. Electronics secured first prize, Fiza V, I B.A. English and Unnimaya V.R. of second semester B.Com. shared second prize.



#### World Girl Child Day

World girl child day was observed by the NSS unit on 24 January in association with Family Health Centre, Vazhakulam. Ms. Shareena S, Medical Officer, FHC Marampally handled a session on the topic 'Women Health' for the female volunteers. She gave tips for leading a healthy life. The procedures to be followed during menstruation period, importance of exercise, healthy food habits and the importance of good character was also discussed.



#### WORLD ENVIRONMENT DAY

The observance of world environment day was done by planting tree saplings in the campus. The saplings were collected from forest division Cherukunnu and distributed to students and planted in the campus. Also planted 50 jackfruit saplings around the ground.

#### INDEPENDENCE DAY CELEBRATIONS

Flag hoisting on independence day was done by Mr. Zakkeer Hussain, Treasurer College Management Committee. After the flag hoisting, volunteers made necessary arrangements for setting up the flood relief camp.



#### A TRIBUTE TO MARTY'S

Candles were lighted up on 19 February 2019 in order to pay tribute to Marty's, who stood up for the nation with heartfelt dedication at pulvama terrorist attack. All the students and staff made their extreme presence for the great heroes.



#### **MEGA CLEANING DRIVE**

A mega cleaning drive was conducted in the college on 2 October 2018. NSS Volunteers removed all sorts of garbage including plastics, non degradable wastes etc. from basket ball court, play ground and vegetable garden. They degraded the materials in the right way.

### Institution's Innovation Council (IIC)







# LAUNCHING OF IIC IN MES COLLEGE MARAMPALLY

Principal, Dr. A Biju has attended the inauguration ceremony on 21 November 2018. IIC will be beneficial to the teaching-learning community and student community in particular. Thanks for giving an opportunity to our institution to became part of this great initiative by the Central Govt.

#### INDIA FIRST LEADERSHIP TALK SERIES

Institution's Innovation Council (IIC) facilitated a Webinar organized by MHRD's Innovation Cell "India First Leadership Talk Series" by Shri. Anand Mahindra, Chairman, Mahindra Group on 8 January 2019.

#### OFFLINE WORKSHOP

An Offline workshop was organized in association with IEDC Kerala Startup Mission, for students and faculty members. The resource person was Adv. Pradeep Kumar R, Department of Finance and Taxation, Bharat Mata College, Thrikkakara. He serves as an IPR Consultant as well as visiting faculty in the area of Corporate governance and general Law for ICAI and ICWAI for the last 4 years. The topic of the session was "Intellectual Property Rights" which seemed to be highly advantageous for the faculties and students of the college. The topics covered through session are History of Intellectual Property, Intellectual Property Roles and functions, Patents, Copyrights, Trademarks, Scheme for facilitating startups Intellectual property Protection.

#### FACEBOOK LIVE SESSION BY CENTRAL EXPERT

A Webinar organized by MHRD's Innovation Cell was conducted in association with IEDC Kerala Startup Mission, for students and faculty members. The resource person was Ms. Swetasree Majumder, Principal, Fidus Law Chamber. Session started by 1.30 pm. The topics covered in the session are Introduction to IPR, Innovations and Patents, Copyright and related Rights, Branding and Trademarks, Importance and protection of IP etc.

# INDIA FIRST LEADERSHIP TALK SERIES TALK ON: PLANNING FOR CAREER

Institution's Innovation Council (IIC) and Placement Cell facilitated a Webinar organized by MHRD's Innovation Cell "India First Leadership Talk Series" by Dr. Anand Deshpande, Founder, Chairman and Managing Director, Persistent Systems Ltd. 24 January 2019.



ED AWARENESS CAMP

### idea pitchine contest



IEDC organized an interdepartmental Idea Pitching Contest on 14 December 2018 at conference hall. Eighteen teams were participated in this contest. Among these teams, top five ideas have been selected and granted prize money. Ms. Sneha Roy, II MHRM won the first prize for rainbow flower farming and the second prize was awarded to Mr. Ajmal Musthafa and team (BCA) for parallel ray tracing. Dr. Murugan, Head, Department of Computer Applications inaugurated the programme.



IEDC organized a three day Entrepreneurship Awareness Camp from 21 to 23 March 2019 sponsored by DST-NIMAT. The aim of the camp is to create an awareness and guidance among students about various aspects of innovation entrepreneurship and startups in Kerala.

Speaking on the occasion of the inaugural, the Chief Guest Mr. Akshay Sunil, MD, Pick & Bite online delivery system encouraged the students to keep their dream enlightened towards new ventures. He urged students to take risk on starting a venture through different innovative ideas. His talk is all about online delivery apps development and its relevance in the current situation. Mr. Ali Akber, CEO Alishaan Digital Makers interacted with students and respond their queries and ideas. Mrs. Suja Karthika, women entrepreneur and Cine artist in Malayalam film industry talked about Women Entrepreneurship and its relevance in the preset scenario. Ms. Sankalpa Menon, CEO, OASIS, an Online Cosmetic distribution network in Kerala made an interesting talk about the problems and prospectus of online costume delivery systems. The last day of its camp is highly colourful since we are visited Alappuzha Coir Factory and Museum.







#### CAKE BAKING WORKSHOP

IEDC in association with Department of Commerce organized a Cake Baking workshop on 19 December 2018. Resource Person was Muhsina Majeed, II M.Com. 30 students were participated.



#### PROTEUS WORKSHOP

IEDC and Electronics department jointly organized hands on workshop on Proteus 8.1, PCB layout designing and simulation for PG students on 12 December 2019. 35 students were actively participated.



#### **CRAFT MAKING**

IEDC and Women Cell jointly organized workshop on Craft making, Cloth bag making and Jewellery making for the students on November 2018 and November 2019.





#### DIST. INDUSTRIAL CENTRE SUPPORTED ONE DAY SEMINAR

#### ENTREPRENEURSHIP DEVELOPMENT

On 4 January 2019, Department of Commerce and ED club in association with District Industrial Centre and Vazhakkulam Block Industrial Development Office organized 'Entrepreneurship Development Seminar'. The aim of the programme was to promote the entrepreneurial culture among college students. ED club members and 100 stdents of various departments participated in this seminar. Dr. Rafeekamol, Head, Department of Commerce and Coordinator, ED Club welcomed the gathering and Principal Dr. A. Biju presided over the function. Mr. Muhammed Nazeer, District Industrial Officer inaugurated the seminar and expressed his view that colleges are the footstep towards entrepreneurship and startups. ED clubs and Incubation centre definetely bring out more number of successful entrepreneurs for our nation. The second session handled by Mr. A. Sunil, Vazhakkulam block industrial development officer. ED club joint coordinator Mrs. Nishamol Abdulkhader proposed vote of thanks for the programme.

#### STUDENTS' BAZAR





REFLET 2018-19 49 MES COLLEGE MARAMPALLY

# WORKSHOP ON CONSTRUCTION OF ENERGEY SAVING DEVICES-



IEDC and Department of Physics jointly organized a workshop Development of Energy Saving Devices on 16 December 2019 at physics labaratory. 40 students from physics department participated in the workshop. They developed LED stars, emergency lambs, inverters and 50 LED bulbs and the products are sold at students bazaar on 20 December 2018. This workshop given emphasis to innovation as well as energy saving principles among students.

# HELPING HANDS TO FLOOD VICTIMS



IEDC members were developed portable mobile charger kits using ordinary battery under the leadership of IEDC Co-ordinator, Smt. Rafeekamol. They assembled the charger in three days and distributed it in the flood affected areas of Aluva, Chengannor, Chalakkudy and Kalady.



- NCC cadets participated in the World Environment Day Celebrations organized by NSS and Nature Club on 5 June 2018. They distributed tree saplings.
- NCC cadets participated in a blood donation camp conducted by Joyalukkas at eranakulam on 14 June 2018. Joyalukkas gifted a memento as a tokan of appreciation. As part of International Yoga Day, NCC and Physical Education department jointly organized a yoga class on 21 June 2018.
- NCC cadets visited Unity Group Deaddiction Center Perubavoor as part of 'International Day against Drugs and Illict Trafficing' on 26 June 2018. The cadets were attended an awareness class there. They interacted with the patients and also had a lunch with them.
- The selection for first year students were conducted on 30 July 2018. The selection process wad led by Nb Sub Raj Singh and CHM R C Pun. 10 SD and 10 SW were selected and reserved list consist of 3 SD and 3 SW.

- On 15 August 2018, NCC celebrated 71<sup>st</sup> Independence Day. Dr. A. Biju, Principal hoisted the national flag and Mr. Sajeendran MLA gave independence day message.
- A flood rescue camp operated at the college auditorium during flood days in August. The main responsibility was taken over by the NCC cadets. Around 4000 people came from different flood affected areas.
- On 20 August 2018, The NCC cadets joined with management and taken over the cleaning process of the nearest houses in marampally premises. On 29 August 2018, The cleaning process conducted at kadungalloor and velliyathunadu. On 30 August 2018, the cadets joined with NSS students for the cleaning process at Kuttanad. On 8th September 2018, The NCC cadets conducted for cleaning process on a convent at kampanipaddy
- The NCC and NSS students joined with panchayat officers for flood relif sences process on 12 & 17 September 2018.

# UNITY AND DISCIPLINE



Flood rescue camp and various cleaning processes at flood affected areas · Blood donation camp · Combined parade · Independence day and Republic day celebrations.

- The official parade and session on rifle class was conducted by PI staff from 22 KERALA BN NCC ELOOR on 1 September, 19 September and 10 November 2018.
- On 24 november 2018, cadets participated in non rifle and rifle at St. Pauls College Kalamassery..
- On 1 December 2018, an official parade was held at MES College Marampally. A training session on weapons and the position of firing was conducted afternoon. The cadets were participated in the catching camp held at MES Asmabi College Kodungaloor during 22-31 December 2018.
- Two cadets participated in the national integration camp held at SNM School Purakkad. The camp was based on 'ek barath sreshta barath'. An official parade with lecture on field signals organized at MES College Marampally on 4 &5 January 2019.
- A blood donation camp was conducted by the NCC cadets at college on 11 January 2019.
- NCC participated in a combined parade with class on field signals held at St. Paul's College Kalamassery on 15 & 18 January 2019.
- On 19 January 2019 a combined parade was held at Sree Sankara College Kalady. The morning section was based on the preparation of B and C exams. The session was led by Kerala BN NCC Eloor Conol Shi. Ashish bedhi. The examination was held at UC College Aluva. 17 of our cadets attended the examination. The C certificate examination was conducted on 23 and 24 February 2019 at Sacred Hearts college, Thevara .23 of our cadets attended the examination. Selection of TSC and RDC was conducted at Sree Sankara College Kalady on 19 January 2019.
- NCC organized Republic Day Celebrations on 26 January 2019. Dr. Manzur Ali P.P., Principal-in-Charge hoisted the flag.









## NATIONAL SERVICE SCHEME



# WELCOME TO THE NEWLY ADMITTED STUDENTS

OF THE YEAR 2018











CTION

UG

INDUCTION PROGRAMME

An induction programme for newly admitted UG students was organized on 18 June 2018 at college auditorium. The programme was inaugurated by Mr. M.A. Mohammed, Chairman, College Managing Committee and Principal Dr. A. Biju presided the function. The rules and regulations of the college, library and hostel rules, role of students, staff, PTA and alumni in the NAAC reaccreditation process etc. mentioned in his presidential address. Mr. Zakkir Hussain T.M., Treasure, College Managing Committee, IQAC Coordinator Mr. Manzur Ali P.P., Heads of various departments, Librarian, Office Superindentend and PTA Joint Secretary Siraj P.K. were felicitated the function. The college arranged orientation programmes for first year students.

An induction programme for newly admitted PG students organized on 1 August 2018. The program was inaugurated by Dr. Mary Metilda, Principal, Maharajas College, Ernakulam. A two day residential orientation programme was organised on 5 & 6 October 2018. The orientation was handled by Mr. Renjith Keshav and his team members from' Insight Job Guru'. The first session was led by Mr. Boney Konnoth and his activity oriented sessions helped in generating awareness on concepts like emotional intelligence, positive attitude, integrity and gratitude. He also handled a yoga training session on second day. The second session was led by Mr. Ranjith Keshav about 'how to be self-motivated by sharing humorous and lived in experiences from hisown life.



The Annual Alumni Meet *ORMA* 2019 was organized by the Alumni Association on 26 January 2019. The Chief Guest of the programme was Prof. T.M. Muhammed, First Principal of the college. The Chief guest was honoured by the IQAC Coordinator Dr. Manzur Ali P.P. The event was attended by over 100 alumni and their families. Alumni members shared their experiences and it was follwed by a Ganamela by Fasna Salam and Safal (alumni students). During the meet, Alumni Honour awards, Faculty achievement awards and scholarships were given away.

Alumni Honour Award were given to Mr. Jazid Z A (BCA), Sherin P A (BBA), Shyam Kumar (Microbiology) and Fasna Salam (English).

Faculty Honour Award for Ph.D. achievement were given to Dr. Ally C. Antony and Dr. Nisha P (Dept. of Biosciences), Dr. Mumna Nazar and Dr. Farzana S. Hussain (Dept. of Commerce). Seven Student Scholarships were given to Salman V.K. (BA English), Aleena Reetha (BBA), Nimisha (B.Sc. Electronics), Sruthy Babu (M.Sc. Biochemistry), Soofiya K.A. (BA Arabic), Jaharul Islam (B.Com.) and Jishnu K P (B.Voc).





# CAMPUS TO CORPORATE

As part of 'campus to corporate' programme', various departments organized orientation classes in association with talumni association during year 2018-19.

Department of Biosciences organized a class for I PG and I UG students on 14 Feburay 2019. The resource person was Dr. Binoy P. Nadapuram, Research Associate, Imperial College, London (M.Sc. Biotechnology, 2003-2005 batch). Dr. Binoy discussed about his research works and he explained how single cell analysis is crucial in elucidating the genetic heterogeneity of tissues and organs to aid the accurate design of disease models and patient-specific therapies.

A one day workshop on Programming session in VHDL was organized on 28 February February 2019 by electronics department. The scope of the session is to learn about VHDL hardware description language which is used in electronic design automation to describe digital and mixed-signal systems such as field-programmable gate arrays and integrated circuits. Mr. Mujeeb P.Y., Design Manager, Aspire Technologies, Eranakulam (2015-2017 Batch) was the resource person.

A live session on optical fiber splicing was organized by the department of electronics on 14 February 2019 at BSNL exchange Adimali. The scope of the session is to learn about the optical fiber splicing and mobile switching operation. Ms. Shareena P.H., JTO (1999-2002 Batch) & Ms. Anuritha Sukumaran, JTO (2001-2004 Batch) led the classes.

Department of English organized a session for III B.A. English students on 25 February 2019. Ms. Ashwaq Abdul Kareem and Ms. Arunima A. were resource persons. The speakers mainly focused on the options for higher studies and on the career opportunities after B.A. communicative English. Besides, they gave some valuable tips regarding how to study and how to write answers in order to secure excellent scores in the university examinations.

A session on E-resources for learning was arranged by the department of commerce on 08 March 2019 for the second year students of BCom (CA). The session was led by Benzira Nazar (2013-16 BCom batch). She demonstrated the use of Google forms for data collection purpose, the use of google does for preparing and sharing documents etc. It was very informative for the students interms of understanding the usability of these applications for the final year project.







#### Inauguration of Premarital Counseling Centre & Premarital Counseling for Minority Youth

Ms. Shahida Kamal, Member, Vanitha Commission Inaugurated the Premarital Counseling Centre in college on 15 January 2019.

The centre organized a premarital counseling seminar for Minority Youth on 4,5,7 and 10 January 2019. The chief guest of the day was Dr. Jmeela T.P., Principal of Minority Center.

The first session on "Introduction to marriage and Interpersonal relationship" led by chief guest on 4 January. The sessions were conducted on 15 January were 'parenting' and 'Legal aspects' of marriage. The first one led by Mr. Aibil Mathai and he discussed about different styles of parenting and parenting style used in real life.

The session on 'Legal aspects of Marriage' was taken by Adv. Kunjumon. He discussed the legal aspects of Hindu, Muslim and Christian marriages and also about special marriage act in his session.

The first session on 'Conflict Management' led by Dr. Razeena Padmam, Professor and Director, School of Behavioural science, MG University on 7 January. The session gave detailed description about how could we lead a life after marriage without conflict. The second session on the day was 'sexual health', handled by Anub P. Thomas, Senior family counselor, Holy Cross Hospital, Kanjirapally. The session covered various aspects of sexual health. The topics covered were sexual hygiene, sexuality and gender and sexually transmitted disease such as syphilis, inflammatory diseases and AIDs.

The morning session for 10 January was 'Budget' which was handled by Mr. Sanju Kurian, Counsellor and Faculty in Kerala minority center. He gave an image of budget for the life before and after marriage. He also spoke about he discussed about the family planning as well as family budget.

The afternoon session about 'Happy family' led by Ms. Hajeesha Hussain. She discussed about the qualities for a happy family such as peace, honesty and unity and pointed out how to manage them in different situations.







### SYMPOSIUM

### PARLIAMENTARY DEMOCRACY & MARGINALIZED COMMUNITIES

The parliamentary affairs and electoral literacy club,SC /ST cell, college union jointly organizes a symposium on parliamentary democracy and marginalized communities on February 21, Thursday, its our humble effort to shed light on to the milestones and water shed moments that India had witnessed in the process of political inclusion of marginalized minority groups and cultures post independent period.

The symposium brings elite scholars in and around Kerala to discuss the scope and limitations of the parliament in the upliftment of marginalized communities to the mainstream. also the symposium is intended to provide orientation to the students on how the parliament addresses such issues. Important bills and laws passed by the parliament will also be discussed. The symposium is inaugurated by Mr. Sunny M. Kapikkad and led a session on "Graded Inequality and Democracy". The second session on 'Gender Justice in Indian Circumstances' is handled by :Ms. Seethal Shyam.

It's only when the political inclusion of marginalized communities are completed any nation could claim that it's Constitution is progressive and democratic. The symposium also discussed efforts made by parliament in this direction.







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#### **READERS' FORUM INAUGURATION**

The activities of the Readers' Forum were inaugurated by Mr. Deepak Dharmadam, Regional Head of Amritha T.V. on 4 October 2018. In his keynote address he emphasized the importance in nurturing the reading habits of the students. Dr. A. Biju, Principal presided over the function. Felicitations were offerede by Dr. Manzur Ali P.P., Mrs. Shereena V.B., Dr. Bindhu Jamal, Dr. Murugan R. and Mr. K.M. Abdul Jamal.

#### VAYANAVARACHOSHAM

Department of English and College Library jointly organized "Vayanavaraghosham" on 20 June 2018. Malayalam Poet and Lyricist Mr. Rajiv Alunngal inaugurated the function. Dr. A. Biju, Principal presided over the programme. Mr. T.M Zakkir Hussain, Treasurer of the college, Dr. Bindu Jamal, HOD of English, Dr. Manzur Ali P.P., IQAC Coordinator and Mr. K.M. Abdul Jamal, Librarian felicitated the session.

#### **MOTIVATIONAL TALK**

A motivation class was organized by Equal Opportunity Centre in association with Minority Cell and OBC Cell on 20 February 2019. The topic was 'Sundara Jeevithathinte Soothravakkyangal'. The resource person was Mr. Satheesh Potty, Asst. Professor, DB College, Keezhoor. He pointed out the importance of certain valuable qualities such as self-respect, self-reliance, patience, communication, managing finance etc. to live a happy life.

# PLACEMENT CELL





#### LAKSHYA PLACEMENT DRIVE

A placement drive was conducted under the auspices of the District Employability Centre on 21 April 2018. It was open for the students of the college and outsiders. 48 companies visited the college and number of registration was 1600.



#### PLACEMENT READINESS PROGRAMME

On 13 December 2019 a placement readiness programme was organized for the final year UG and PG students. This was mainly for the students to understand the importance of preparedness for the job market. Mr. D. Harikumar and Mr.Prasith Prasad were the resource persons.



#### PLACEMENT TRAINING PROGRAMME

A Placement training programme organized for the final year students and the session was handled by Benny Mathew, Deputy Chief, CUSAT, Employment Information. Group activities, discussion about interview skills were discussed.



#### PLACEMENT ORIENTATION

A career orientation session was organized for final years UG and PG students on 28 November 2019. The resource person was Sri. D. Harikumar, Praxis Consultancy Services. The programme mainly focused on self introduction, attitude building, facing interview and improving communication skills.



#### PLANNING FOR CAREER- WEBINAR

In association with the IIC, a webinar was organized on 'Planning for Career' by Dr. Anand Deshpande on 24 January 2019.

#### Parent-Teacher Association

PTA is a primary body in all educational institutions and we have a full-fledged active PTA for the welfare and support of the student community.

Five PTA Executive Meetings are conducted during the year 2018-19 with various agendas like Students discipline, Remedial coaching, PTA General Body, Honoring students and teachers etc.

PTA General Body meeting is conducted on 01 November 2018. In this function PTA honored the following categories: University Rank holders/A+ Holders/Class Toppers, Winners of National International Sports Events, Teachers with Outstanding Achievements and Best Bus Driver Award.

Allopathy doctor service is made available by PTA from this academic year onwards. Service of Dr. Mathew is available to students on second and fourth Wednesdays of each month.

PTA aided counseling centre is working successfully in the college. Service of Dr. Leelamma is available to students on all Mondays.

PTA funded Remedial coaching is arranged for academically backward students and PTA funded book bank facility is also functioning for the students who are financially weak.

PTA sponsored 3 pad vending machines and 2 incinerators.







### HOSTEL DAY | COLLEGE UNION CELEBRATIONS

# INAUGURATION







Proslava, Hostel Day Celebrations were organized on 01 February 2019 at Safiya Ladies Hostel. The celebrations were inaugurated by Mr. M.A. Mohammed, Chairman, College managing Committee. Principal, Management, Director, AIMAT and Teachers were present on the day.







College union 2018-19 was inaugurated by Simon Britto, Indian Politician and Writer on 06 October 2018. Actor Mr. Joseph Annamkutty Jose inaugurated the arts club on the same day. The inauguration was followed by various cultural programmes organized by students.

#### MEHANDI FEST

Arts and Literary Club and College Union jointly organised 'Mehndi Fest 2019' on 18 December 2019. Students potrayed their talents on mehandi designing.



#### TEACHERS' DAY

Teacher's day celebrations were organized by the College Union to honour Teachers on 5 September 2019. Various games and activities were conducted for Teachers.



ET 2018-19 MES COLLEGE MARAMPALLY

#### KALAJADHA

Kalajadha, a street play conducted by Kerala Shastra Sahitya Parishath in the campus on 6 February 2019. The topic of the street play was 'We the People'.





#### Reflet | Newsletter | MES College Marampally | November 2019 | Issue: Il Published by: Principal, MES College Marampally

MES COLLEGE
ANAGING COMMITTEE



Mr. M.A. MOHAMMED CHAIRMAN



Mr. P.H. MUHAMMED SECRETARY & CORRESPONDENT



Mr. T.M ZAKKIR HUSSAIN Treasurer

NAAC REACCREDITED WITH A+ GRADE (CGPA: 3.38)





PROUD MOMENT

