THE FOUNDER
JANAB A. THANGAL KUNJU MUSALIAR

TKM
SINCE 1956

THANGAL KUNJU MUSALIAR COLLEGE OF ARTS & SCIENCE
QUILON

T.K.M.
COLLEGE OF ARTS & SCIENCE
KOLLAM, KERALA

Re-accredited by
NAAC with 'A' Grade
(DST-FIST Funded Institution)

ANNUAL REPORT 2018-'19

T.K.M.
COLLEGE OF ARTS & SCIENCE
KOLLAM, KERALA

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ANNUAL REPORT
2018-'19

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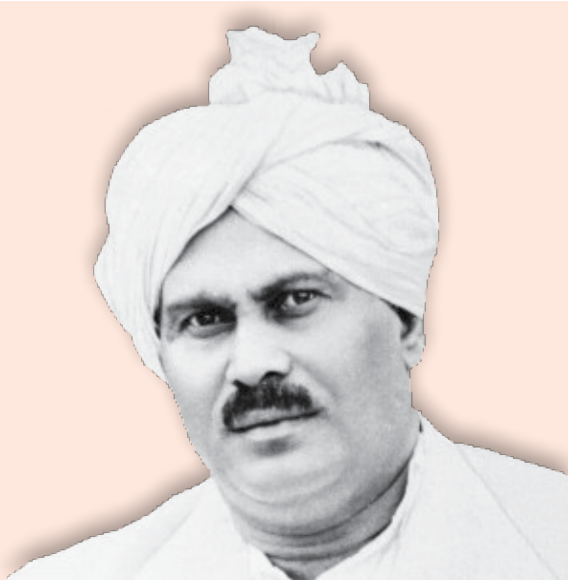

Janab A. Thangal Kunju Musaliar

The name of our founder Janab Thangal Kunju Musaliar is written in golden letters in the annals of the history of our country. Our founder has the rare privilege of being honoured by the Union Government with postal stamp and first day covers. Janab Musaliar was much more than the founder of an educational institution. Born in a middle class family in Kollam on 12th January 1897, he had the unique distinction of being one of the world's biggest employers. His family proudly traces their ancestry to Malik ibu Deenar, a legendary Islamic missionary who came to India in the 8th century. Another ancestor of the later generation was Sheikh Ali Hassan Musaliar, entombed in the Sheikh Masjid at Karunagappally. Janab Musaliar is being the 12th in the line after him.

Janab. Thangal Kunju Musaliar's name conjures up memories of an era, when Kollam dominated the cashew export trade in the 1940s and 50s. He was the pioneer of the cashew industry in Kerala and through his meticulous vision and impeccable planning, he built up a vast business empire. He played a pivotal role in contributing the much needed foreign exchange to the state. He founded social and philanthropic organizations. He wrote books. He started a newspaper. During the Second World War, when food became scarce, he used his personal resources to carry out large scale agriculture. In the 1950s, while at the pinnacle of his business career, Janab Musaliar became preoccupied with thoughts of how best he could provide education to the new generation for the better development of the society. As a man of remarkable vision, he foresaw the tremendous importance of education in the years to come and this culminated in the formation of T.K.M. Educational Trust in 1956. The first institution of the Trust was the very first engineering college in the private sector in Kerala. Less than a decade after founding the engineering college, feeling the need for an Arts and Science college, Janab Musaliar oversaw the establishment of T.K.M. College of Arts and Science, one year before his unexpected demise. Though robbed of the Founder's personal guidance and patronage, the college, under the able administration and intendance of his eldest son Janab. Shahal Hassan Musaliar, soon grew in stature scripting its own saga of excellence.

The life of Janab Musaliar exemplifies greatness in its true sense. Several of his initiatives and achievements in trade, industry and education have assumed astounding and prophetic significance in the changing national and global scenario. In recognition of his invaluable contributions to the nation, the Government of India released a commemorative postage stamp in his name.

Today, as the academic opulence of T.K.M. educational institutions continue, we see the unmatched success of a visionary statesman and multifaceted personality, late Janab Thangal Kunju Musaliar, who fulfilled his noble dream of empowering the society through education.

Dr. T.K. Shahal Hassan Musaliar

T.K.M. College of Arts and Science, the venerable citadel of learning envisioned and founded by Janab. Thangal Kunju Musaliar, the cashew king of Kerala, is now turning the 50th glorious annal of its academic journey. We have always believed that education has a crucial role to play in reforming society by inculcating values into the minds of the younger generation, alongside academics.

The last 50 years of the institution has witnessed the efflorescence of academic exuberance and achievements that stand the test of the time. It is gratifying that the institution has succeeded in augmenting the human resource reservoir of the nation in a spectacular manner and that the alumni of the college adorn innumerable illustrious positions across the globe.

I exhort all the members of the Arts and Science college family to rededicate themselves to their academic endeavours.

BOARD OF TRUSTEES

Dr. T.K. SHAHAL HASSAN MUSALIAR	PRESIDENT
JB. T. KAMALUDDIN MUSALIAR	MEMBER
JB. T.K. JALALUDDIN MUSALIAR	MEMBER
JB. T.K. USMAN MUSALIAR	MEMBER
JB. T.K. ABDUL KARIM MUSALIAR	MEMBER
JB. T.K. AKBAR HYDER MUSALIAR	MEMBER
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JB. TARIQ S. MUSALIAR	MEMBER
Dr. MOHAMED HAROON	MEMBER
JB. AFSAL MUSALIAR.J	MEMBER
JB. MOHAMMED ANWAR MUSALIAR	MEMBER

Vision

The vision of T.K.M. College of Arts and Science is to achieve supreme excellence in academic and nonacademic areas, without compromising on institutional responsibilities to the society as a whole, in particular to the socially and economically disadvantaged sections, with special reference to the region in which the college is located

Mission

It will strive continuously to provide an environment for the finest teaching and the finest research in the country and try to evolve into an intellectual and cultural nest for students of diverse ethnic, social, religious and linguistic backgrounds, especially the marginalized sections of the society such as the Muslims and the Dalits.

T.K.M. College of Arts & Science

T.K.M. College of Arts and Science, established in 1965 by the Founder Late. Janab A. Thangal Kunju Musaliar, is an acclaimed citadel of learning in the city of Kollam. Re-accredited by NAAC in 2013 with an 'A' Grade, which bears testimony to its potential for excellence, the institution today commands an unparalleled prestige in the academic community.

Right from her inception, the Arts and Science College has earned a renown for discipline and academic eminence. Utmost care is taken to impart quality education. In addition, the college gives paramount importance to character formation and holistic development of the students. The diligence and enthusiasm evinced by the academic fraternity of the college help the students realise their aspirations. The enormous number of students who pass through the portals of this institution adorn numerous meritorious positions in life and this testifies to the unique distinction the institution has sculpted out for herself.

Life at T.K.M.CAS is a rewarding experience for the student community. The bustling and vibrant campus is consonant for extracting the quiescent academic, artistic, cultural, literary and creative talents of the students. We groom a community of luminaries for a future firmament. The campus has students from all sections of the society and it is focused on meeting their diverse needs.

The core values upheld by us are honesty, moral righteousness, compassion for the fellow beings, faith in the Supreme and above all, a relentless pursuit of academic excellence through dedication and hard work. Learning, sharing and caring are our watchwords. The college aims at the creation of a community of students empowered and equipped with knowledge, skills and values, who would contribute effectively to nation building. We groom young men and women to make them capable of becoming agents or transformation and progress at different walks of life.

Presently, we have ten UG programmes and six PG programmes under the regular aided scheme. There are three research centres functioning in the institution. Our various add-on and continuing education programmes give our students adequate exposure to different disciplines and enhance employability.

Social Service/Extension activity clubs conduct a wide range of activities every year which are aimed at nurturing the latent talents of students and making then socially responsible citizens. The institution follows several special practices such as bridge courses and remedial courses to take care of both weak and bright students. Prime importance is given to activities such as peer teaching, group learning, project preparation, seminars and industrial visits to enhance the skills of students at multifarious levels. The institution strictly adheres to the principle of equity and inclusiveness, particularly in taking care of girl students and socially disadvantaged sections of the society.

Today, there are few peers to T.K.M.CAS, whether it is student discipline or academic excellence. Moreover, the college is proud to be a beacon of hope for the deserving yet socially and economically challenged students, a policy that was envisioned by our beloved Founder Janab Thangal Kunju Musaliar. Among its many recent firsts, T.K.M.CAS has been re-accredited by the NAAC with an 'A'Grade. The college has a glorious history of 50 years of academic opulence and celebrated its one and half year long golden jubilee in a befitted and indelible manner. The golden jubilee celebrations were inaugurated in 2015 by the then Chief Minister of Kerala, Sri. Umman Chandi and the valedictory ceremony was inaugurated in 2017 by the Honourable Chief Minister of Kerala Sri. Pinarayi Vijayan. Passing its golden jubilee, this citedal of knowledge is still engaged in moulding the posterity.

Prof. Shajitha S.

Principal

Let me open my words by paying homage to our founder, Janab. Thangal Kunju Musaliar, whose vision and mission continue to inspire us every moment. I am never tired of repeating that the one word that is dearest to us is excellence. Our dream is to reach the acme of supreme success in academic and non-academic spheres. Along with excellence, we aim at inclusiveness. We have dedicated ourselves to the cause of the socially and economically disadvantaged sections of the society.

We cannot afford to forget what our beloved founder taught us when he envisioned that the institution has to be rooted in the soil of the society from which it has sprung. We think global, but we act local. I am happy that the Arts and Science College family continues to strive to attain the goals of the institution with exemplary dedication and commitment.

Current Status of the College

Courses / Programmes Offered by the College

The college offers 10 UG and 6 PG programmes as detailed below. The departments of Chemistry, Physics and English are Kerala University approved research centers. UGC sponsored career oriented courses (Add-On-Courses) are conducting for regular students.

UG Programmes

- B.Sc. Mathematics
- B.Sc. Physics
- B.Sc. Chemistry
- B.Sc. Biochemistry
- B.Sc. Botany
- B.Sc. Zoology
- B.A. English Language & literature
- B.A. Islamic History
- B.Com Finance
- B.Com Computer Application

PG Progarmmes

- M.Sc. Mathematics
- M.Sc. Physics
- M.Sc. Chemistry
- M.Sc. Biochemistry
- M.A. English Language & Literature
- M.Com (Finance)

Research Centres (Ph.D Progarmmes)

- Physics
- Chemistry
- English

Recognised Research Guides of the Institution

- Dr. A. Raghu (English)
- Dr. E.Krishnan Namboothiri (English)
- Dr. Sawpna Gopinath (English)

- Dr. B. Harikumar (Chemistry)
- Dr. S. Sumalekshmy (Chemistry)
- Dr. S.Anas(Chemistry)
- Dr. Abdul Rahim M.K.(Chemistry)
- Dr. Boby.T. Edwin (Botany)
- Dr. A. Shershah (Physical Education)
- Dr. Sheena Marry (Physics)
- Dr. Najitha S. (Physics)
- Dr. Krishna Kumar (Physics)
- Dr. Indulal C.R. (Physics)
- Dr. P.K.Manoj (Physics)

Continuing Education Courses University / Government

- Certificate in Library and Information Course (CLISc)
- PG Diploma in Counselling (PGDC)

Courses Offered by State Resource Centre (SRC) Affiliated to national Skill Development Centre

- Professional Diploma in Mechanical and Automobile Engineering
- Professional Diploma in fashion Technology

Competitive Training Programmes

- Coaching class for UGC/CSIR Examination for JRF/Lectureship

Scholarships Offered by the Institution

- Professor A. Hussain Memorial Scholarship
- Bini Endowment Scholarship
- Scholarship by Former Students Associations.
- Prof. P.L. Mariam Retirement Memorial Endowment.
- Prof. Ancil Francis Retirement Memorial Endowment
- Prof. E. Mathew Retirement Memorial Endowment
- Prof. S.P. Yusuf Rawther Retirement Memorial Endowment
- Prof. K. Velayudhan Nair Retirement Memorial Endowment Scholarship.
- Prof. K. Mukundan Retirement Endowment Scholarship
- Prof. H.M. Kassim Sait Memorial Endowment Scholarship
- Janab T.A. Sayed Muhammed Memorial Endowment
- Alumni Scholarship
- Management Scholarship

Facilities in the College

- Modern buildings with excellent class rooms
- State of art library
  - With above 6000 e journals
  - Access to N-LIST of inflibnet and wide range of online databases
  - Online book renewal system
  - Online document delivery service (ODDS)
  - Mobile public access catalogue (MOPAC)
- ICT enabled class rooms
- Installed Optical Fiber Technology
- Campus Wi-Fi enabled with free connectivity
- Olympic standard swimming pool
- Vibrant training and placement cell
- A college with campus recruitment - MRF, Federal Bank, Infosys, TCS and Wipro Employability Centre under Government of Kerala which conducts mega job fair in the college
- The college has 2 computer labs with 50 computers in addition to computation lab facility in Mathematics and Physics department. Browsing centre and internet facility are available in the college.

- Optical fiber connectivity and Wi-Fi facilities have been enabled in our campus since 2015.
- Power transformer and power generator were installed in our campus for uninterrupted power supply.

Tie-Up and Collaboration

- College has tie-up with Higher Education Department, Govt of Kerala for imparting skill development – ASAP
- College has tie-up with Continuing Education, Government of Kerala for job- oriented courses
- College has tie-up with CACEE, University of Kerala for conducting continuing- education courses
- Kerala Resource Centre affiliated to National Skill Development Institution – Skill based job oriented courses

Alumni Association

The college has an active and committed Alumni Association. It helps the alumni to keep in touch with their alma mater. It extends financial help to needy students.

Former Students Day is celebrated on November 1st every year. T.K.M. Alumni chapter has been opened in Cochin too as part of the larger drive to co-ordinate the actvities of the Alumni Association in all districts of the State.

The Alumni Association opened its Gulf Chapter in 2017. It is planning to extend its activities to European countries as well in the upcoming years. A short report on the alumni activities has been included in the Major Events section of this report.

Parent Teacher Association

All teachers of the college and guardians of the students of the institution are members of the PTA. The main objective of the PTA is to promote a cordial relationship and close interaction among teachers, students and their guardians. Apart from campus maintenance, P.T.A fund is also used for the purpose of dispensing salary for Guest Lecturers and contingency staff.

Prof. E.Najeem was the Secretary of PTA during the academic year 2018-19 and Prof. S. Shajitha, Principal of the college, was the President.

The Executive Committee of the PTA during the Academic year includes Sri. Mohammed Najeem, Sri. S. Krishnakumar Unnithan, Sri. Abdul Latheef T. and Smt. Haseena. Representatives of teachers during the academic year are Dr. Boby T. Edwin, and Prof. Narayana Prasad.

* * *

Landmarks in the Academic History of the College

Government of India
Ministry of Human Resource Development

nirf

Certificate

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2019

T. K. M. College of Arts and Science, Kollam

Ranked 80 in College Category

CHAIRMAN, NBA

MEMBER SECRETARY, NBA

The greatest achievement of the college during the academic year 2018-19 was its procurement of 80th rank in the NIRF ranking.

The National Institutional Ranking Framework (NIRF) is a methodology adopted by the Ministry of Human Resource Development (MHRD), Government of India, to rank institutions of higher education in India.

Teaching and learning resources and research and productivity of the college was specifically considered by the said agency for ranking.

Publication of the Multidisciplinary Journal

T.K.M. Arts College International Journal for Multidisciplinary Research (TIJMR) is a bi-annual journal for multidisciplinary research published by T.K.M. College of Arts and Science, India. The journal publishes peer reviewed original research papers in Science, Humanities, Management, Commerce and Literature. TIMJR also publishes special issues focusing on advances in specific areas and proceedings of select high quality conferences.

All articles, opinions and commentaries, letters and book reviews published in TIJMR are in consonance with the standards of International Journals. The journal of the current academic year is on print.

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RANK HOLDERS
DURING THE ACADEMIC YEAR 2018-2019

The dedicated and industrious faculties and the proficient administrative wing of the institution are able to take students to the skies of academic excellence.

The following students are the rank holders of the academic year 2018-19

Keerthi Vijayan
Chemistry (PG)
(Topper and
University Second rank)

Deepthi J.S
Biochemistry (PG)
(First rank,
M.Sc Biochemistry)

Arya Mohan J
Biochemistry (PG)
(Second rank,
M.Sc Biochemistry

Fousiya A
Biochemistry (PG)
(Third rank,
M. Sc Biochemistry

Lekshmi VS
Commerce (PG-Finance)
University
3rd Rank holder

Anjali Anil
Mathematics (PG)
University
3rd Rank holder

Certificate Courses

Inaugural meeting of certificate course

The Certificate Course Programme of TKM College of Arts and Science was inaugurated on 16.9.2018 by the Principal Smt.Shajitha S. Smt. Gayatry S., Assistant Professor in English (Certificate Course Coordinator) commenced the program at 11 a.m. by welcoming the gathering. In the inaugural address, the Principal talked about the current demands for job aspirants that necessitated the inception of certificate courses. HODs and certificate course coordinators of the various departments of the college were present. Dr. Suma Lekshmi ,IQAC Coordinator of the college delivered vote of thanks.

Certificate Courses Offered

Department	Name of certificate course	Number of students admitted
Biochemistry	First Aid	27
	Lifestyle disorders and Management	30
	Nanoscience and Nanotechnology	9
Chemistry	Small scale production of household cleaning agents	40
	Food Chemistry	15
	Kitchen Chemistry	40
Commerce	Business Ethics	110
English	Enlightener	54
Mathematics	Formal Languages and Automata Theory	65
	Dynamic Mathematics Using Geogebra	117
Physics	Google Plugins	53
	Digital Typography Using LATEX	41
	Introduction to C++ Programming and Data Analysis	42
	Nanomaterial Characterization Techniques	15

SRC-NSDT Training Partner

TKM College of Arts and Science is an SRC (State Resourc Centre) campus affiliated to the National Skill Development Training Programme (NSDT). Through this programme, the institution aims to provide a spanking learning experience to students by offering advanced skill development training in various sections. The main objective of this venture is to make available high quality education to the backward or downtrodden categories.

Continuing Education

TKM College of Arts and Science is training partner of the Centre for Continuing Education, Kerala, which is affiliated to the Higher Education Department, Government of Kerala. As a training partner, the institution offers courses which are dedicated entirely to the growth and development of technical education, industry, business and social amelioration.

Golden Jubilee Civil Service Coaching Centre

In connection with the golden jubilee celebrations, the institution started a Civil Service Coaching Centre for those students who are aspiring and industrious. Student to this coaching endeavour are selected through aptitude test to ensure their quality and competence. Eligible faculties from the Civil Service Academy of Kerala engage classes. Faculties of this coaching programme include Philip K.K., Unnikrishna Kartha, Umman Varghese, Abdul Safeer, Jithin Krihnan, Sandeep S.Nair, Anand Krishnan, Swaraj S.,Pradeep P.S. and Jith.

Internal Quality Assurance Cell (IQAC)

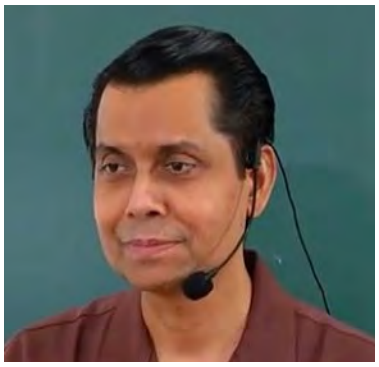
The IQAC of the college was constituted in 2004 on the basis of the suggestions made by the NAAC peer team as part of the accreditation process. It is the supreme academic body of the institution which monitors, evaluates and inspires the academic processes, and attempts to enchance quality and raise the institution to the highest levels of excellence. The IQAC has been reconstituted in 2015 with thirteen members. Dr.A.Raghu, Dept. of English, is the present Co-ordinator. Dr.Boby T Edwin, Department of Botany is the present Secretary-in-charge. Internal Quality Assessment Reports are prepared by IQAC. Two annual report was submitted to NAAC after 2013.

Functioning of the college is reviewed and monitored by advisory bodies like the College Council, the Discipline Committee and other advisory bodies.

Reconstitution of IQAC at the College Level

Dr. T.K. Shahal Hassan Musaliar
President, T.K.M. College Trust, Patron.

Prof. Shajitha S.
Principal



Dr. A. Raghu
Co-ordinator

Dr. Sumalekshmy S.
Teacher Representative

Dr. Ansil P.N.
Teacher Representative

Dr. Finser K. Muhammed
Teacher Representative

Dr. Chithira Gopinath
Teacher Representative

Prof. Safir T.K.
Teacher Representative

Prof. E. Najeem
Teacher Representative, Staff Ad

Jb.T.K. Jalaluddin Musaliar
Treasurer, T.K.M. College Trust

Mr. M. Haroon
Alumni

Prof. M. Abdul Majeed
Local Representative

Mr. Shahul Hameed M.
Senior Superintendent

Miss. Bincy Thomas
Student Representative

SWAYAM NPTEL Local Chapter

NPTEL

FREE ONLINE EDUCATION
swayam
शिक्षित भारत, उन्नत भारत

SWAYAM is India's own MOOCs platform offering online courses on all disciplines. It is initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality.

The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

SWAYAM is an indigenously developed Cloudbased IT platform that facilitates hosting of all the courses, taught in classrooms from 9th standard till Post-Graduation to be accessed by Anyone, Anytime, Anywhere free of cost. All the courses are interactive, preparedby reputed teachers in the country and accessible through computers / mobilephones.

SWAYAM courses enrich the learning experience by using audio-video and multi-media and state of the art pedagogy / technology.

The courses hosted on SWAYAM are in 4 quadrants -

- video lecture
- specially prepared reading material that can be downloaded/printed
- self-assessment tests through tests and quizzes and
- an online discussion forum for clearing the doubts.

National Coordinators of SWAYAM:

- AICTE (All India Council for Technical Education)
- NPTEL (National Programme on Technology Enhanced Learning)
- UGC (University Grants Commission)
- CEC (Consortium for Educational Communication)
- NCERT (National Council of Educational Research and Training)
- NIOS (National Institute of Open Schooling)
- IGNOU (Indira Gandhi National Open University)
- IIMB (Indian Institute of Management, Bangalore)
- NITTTR (National Institute of Technical Teachers Training and Research)

Courses delivered through SWAYAM are available free of cost to the learners, however learners wanting a SWAYAM certificate should register for the final proctored exams that come at a fee and attend in-person at designated centres on specified dates. Eligibility for the certificate will be announced on the course page and learners will get certificates only if this criterion is matched.

T.K.M. College of Arts and Science has been established as SWAYAM - NPTEL Local Chapter on April 23, 2019. Every year we conduct Seminar/ Workshop for students and faculties in order to create awareness about SWAYAM - NPTEL online courses.

Single Point of Contact (SPOC) :

Dr. Ansil P. N.

Assistant Professor in Biochemistry

SPOC Email: tkmarts.swayam@gmail.com

Local Chapter ID: 2744

Number of functional MoUs with institutions, other universities, industries, corporate houses (2018-2019)

TKM College of Arts and Science, Kollam has signed a Memorandum of Understanding with Center for Continuing education Kerala, Thiruvanathapuram in 2018 for 3 years.

EASRIA - 2019 Lecture Series

The Department of Islamic History conducted an Invited Talk by Prof. Ashraf Kadakkal, Department of Islamic History, University of Kerala on the title Future Prospects in Islamic History as an Academic Discipline as a part of Lecture Series "EASRIA - 2019" at the seminar Hall on 28th February 2019.

The motto of the gathering was to familiarize the further possibilities of Islamic history as an academic discipline.

Principal Prof. S.Shajitha's presidential address

Dr. Ashraf Kadakal during his talk

FDP on 'Harmonic Analysis'

In association with the Pi-Day celebration, the IQAC and Department of Mathematics organised a Faculty Development Programme on 'Harmonic Analysis'. It was held on 14thMarch 2019.

The chief guest of the program was Dr. Easwaran Nambudiri, Assistant Professor, Govt. Brennan College, Thalasseri. The former Principal and Liaison officer Prof. Hashimudeen A. deliveredthe presidential address. He appreciated the students and the faculty of the Department of Mathematics for their laudable performance. The chief guest, Dr. Easwaran Nambudiri though the inaugural speech expressed his gratitude to the organizers for the initiative. His speech made the participants understand the difficult concepts of harmonic analysis and generalization of the notions of Fourier series and Fourier transforms. The Head of the Department of Mathematics, Dr. Pathumma Beevi M. felicitated the function. At the end of the session the IQAC Coordinator Dr. Sumalekshmy S. proposed the vote of thanks.

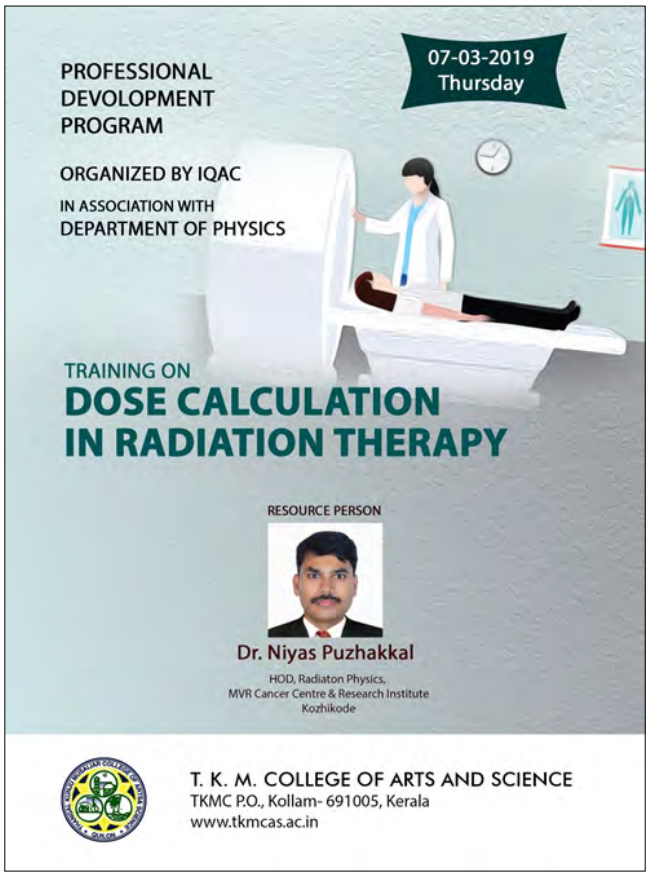
Dr. Easwaran Namudiri delivers his speech

Interactive session with faculty members

Training on 'Dose Calculation in Radiation Therapy'

IQAC of the college organized a Professional Development Program on "Training on dose calculation in radiation physics" on 7.3.2019. The program was exclusively for the faculty members and post-graduate students of the Department of Physics. The resource person of the program was Dr. Niyas Puzhakkal, HOD, Radiation Physics, MVR Cancer Centre and Radiation Institute. The resource person explained the different scientific research methods used in the field of radiation Physics. All the faculty members participated in the programme.

Dr. Niyas Puzhakal addressing the gathering



Two day Workshop on 'Entrepreneurship and Soft Skill Development'

The Internal Quality Assurance Cell in association with the Department of Commerce, TKM College of Arts and Science, MakeIntern and IIM Indore conducted a Two-Day Workshop on Entrepreneurship and Soft Skill Development on 28 and 29 January 2019. The programme began with a welcome address by Prof. Ruksana Sulthana A.H., Head of the Department of Commerce and, Prof. Shajitha S., the Principal of the college delivered presidential address. Janab T.K. Shahal Hassan Musaliar, Honourable Chairman, T.K.M. College Trust, inaugurated the Workshop. Mr.Prawin, Certified NLA,VNA/Personal Branding and Soft Skills Trainer, NFNLP-FL USA, Management Trainer, MakeIntern was the resource person. Prof. A Hashimudeen, Liaison Officer, and Firoz Khan A, Assistant Professor, Department of Commerce felicitated the occasion. Dr.Shehnaz S.R., Assistant Professor, Department of Commerce delivered the vote of thanks.

Practical sessions in the workshop

Mr.Parwin focused on the acquisition of soft skills and presentation skills and how they could complement the existing skill sets of the participants. Attempts to understand and improve their communication styles were also made. The formal sessions took a more serious turn with the 2nd day wholly devoted to introduce, create and discuss new entrepreneurial paths to face an uncertain future.

The programme ended by 4.30 pm. The workshop proved immensely valuable especially to those who had an eye for career progress.

One day Workshop on Faculty Intervention in Control of Vector Borne Diseases

One-Day Faculty Development Programme was organized by the Department of Bio chemistry in consortium with the Internal Quality Assurance Cell (IQAC) of the college on 3 January 2019. The programme titled Faculty Intervention in Control of Vector Borne Diseases was enriching and intellectually stimulating for the participants. Prof. Shajitha S., the Principal of the college, inaugurated the programme and gave an introductory remark.

The keynote address of the programme was given by Suresh T, District Malaria Officer, Kollam. The session included talks on Vector Borne Diseases, Preventive Measures, initiatives like NVBDCP, NCBI and so on. The platform was then open for discussions.

The programme received wide appreciation from the participants as it gave them an exposure to various realms on the topic. Dr. Ansil P.N., the IQAC member, proposed vote of thanks for the programme. It concluded at 1 pm.

Dr. Ansil P.N.addressing the gathering

Mr. Suresh T. delivering talk

FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education

Internal Quality Assurance Cell (IQAC) organized a seven-day Faculty Development Programme (FDP) on the various matrices of Quality Information Framework (QIF) in the NAAC manual in the context of T. K. M. College of Arts and Science entering the third cycle of NAAC assessment. The FDP was arranged to familiarize the faculty members and administrative staff with the revised NAAC manual. The FDP was conducted in two stages:

Stage I –The first stage of the FDP was handled by Dr. E. Prasad, Dr. Richa Varma and Dr. X. Vijayan from 03 Jan to 05 January 2019. Dr. Prasad addressed the various aspects of Outcome-Based Education in two- hour sessions with two such sessions each day. The third day (5th January) was entirely devoted to exercises allotted to faculty members to assess their understanding of the basic principles of Outcome-Based Education.

Stage II–The second stage of the FDP was handled

by Dr. R. Selvam from 07 Jan to 09 January 2019. The programme began with an inaugural session; the programme schedule of the inaugural session is attached here. After the inaugural session, each department NAAC co-ordinator made powerpoint presentations enumerating the Department Profile, Activities of the Department, Achievements of the Department, Pass Percentage etc. After individual presentations, Dr. Selvam gave detailed feedback on data consolidation at the department level based on the revised NAAC manual.

Dr. E. Prasad during his address

Dr. Selvam leading the session

Faculty members attending the programme

One Day Workshop on 'Gateway to Financial Freedom'

As part of Professional Development Program, IQAC in association with the Department of Commerce organized a one day workshop on Gateway to Financial Freedom in the college Auditorium on 12 December 2018.The resource person was Rajanikanth C.S., Assistant Vice-President, Academics, Hedge School of Applied Economics.

The purpose of the program was to help the participants identify the major investment options; learn the methods to achieve financial freedom and to help execute investment choices. It also gave ideas to build investment portfolios designed to maximum returns and minimize risk. The speaker mentioned ways to achieve more than one source of income as well.

All the 15 participants who attended the workshop proved to be great enthusiasts as they finally decided to get out of high cost debts to ensure their economic freedom.

Rajanikanth C. S. interacting with audience

Workshop on 'Investment Planning in Capital Market'

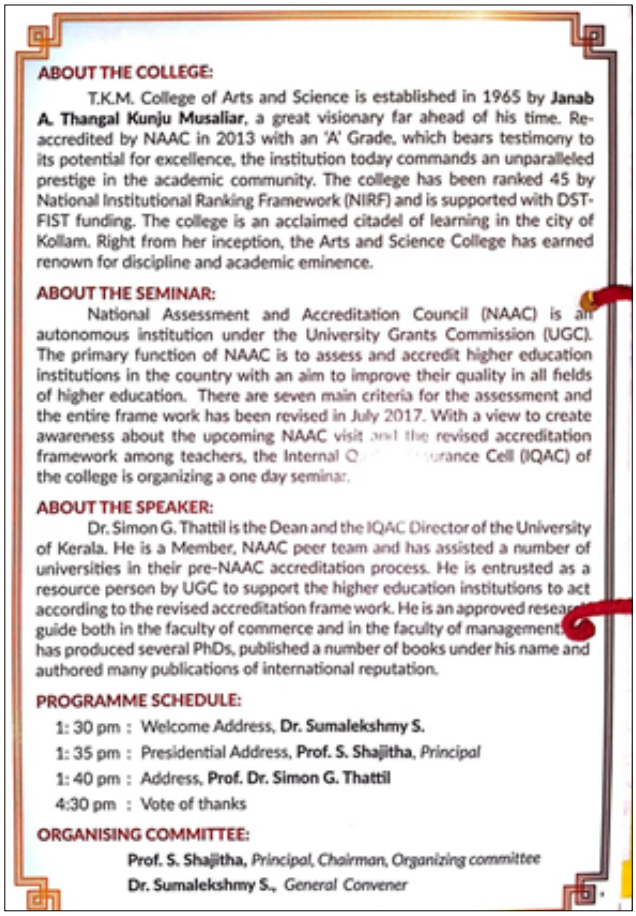
IQAC in association with the Department of Commerce organized a One- Day Workshop on 'Investment Planning in Capital Market' in the college Auditorium on 12 December 2018.

The resource person for this Professional Development Programme was Dr.Deyanandhan, Certified Financial Educational Trainer, Securities and Exchange Board of India.

The objective of the programme was to help participants identify the financial goals of the institution and to convert them through a building plan which in turn would ensure safety in terms of finance. The resource person also gave ideas to build solid investment plans in making smart investments.

Inaugural function of the programme

One day Workshop on 'Quality Assessment in Higher Education-New Trends'



ABOUT THE COLLEGE:

T.K.M. College of Arts and Science is established in 1965 by **Janab A. Thangal Kunju Musaliar**, a great visionary far ahead of his time. Re-accredited by NAAC in 2013 with an 'A' Grade, which bears testimony to its potential for excellence, the institution today commands an unparalleled prestige in the academic community. The college has been ranked 45 by National Institutional Ranking Framework (NIRF) and is supported with DST-FIST funding. The college is an acclaimed citadel of learning in the city of Kollam. Right from her inception, the Arts and Science College has earned renown for discipline and academic eminence.

ABOUT THE SEMINAR:

National Assessment and Accreditation Council (NAAC) is an autonomous institution under the University Grants Commission (UGC). The primary function of NAAC is to assess and accredit higher education institutions in the country with an aim to improve their quality in all fields of higher education. There are seven main criteria for the assessment and the entire frame work has been revised in July 2017. With a view to create awareness about the upcoming NAAC visit and the revised accreditation framework among teachers, the Internal Quality Assurance Cell (IQAC) of the college is organizing a one day seminar.

ABOUT THE SPEAKER:

Dr. Simon G. Thattil is the Dean and the IQAC Director of the University of Kerala. He is a Member, NAAC peer team and has assisted a number of universities in their pre-NAAC accreditation process. He is entrusted as a resource person by UGC to support the higher education institutions to act according to the revised accreditation frame work. He is an approved research guide both in the faculty of commerce and in the faculty of management. He has produced several PhDs, published a number of books under his name and authored many publications of international reputation.

PROGRAMME SCHEDULE:

1: 30 pm : Welcome Address, **Dr. Sumalekshmy S.**
1: 35 pm : Presidential Address, **Prof. S. Shajitha**, *Principal*
1: 40 pm : Address, **Prof. Dr. Simon G. Thattil**
4:30 pm : Vote of thanks

ORGANISING COMMITTEE:

Prof. S. Shajitha, *Principal, Chairman, Organizing committee*
Dr. Sumalekshmy S., *General Convener*

IQAC of the college organised a Professional Development Programme entitled Quality Assessment in Higher Education – New Trends on 6 December 2019. The inaugural address was delivered by the Principal of the college, Shajitha S.

The resource person Dr. Gabriel Simon Thattil, Professor of Commerce, School of Business Management and Legal Studies & Director, IQAC, University of Kerala equipped the faculty with recent trends and developments in quality education. He familiarised the faculty members with the various criteria and matrices involved in the NAAC accreditation process. The programme came to an end at 2 pm with a vote of thanks by the IQAC convener.

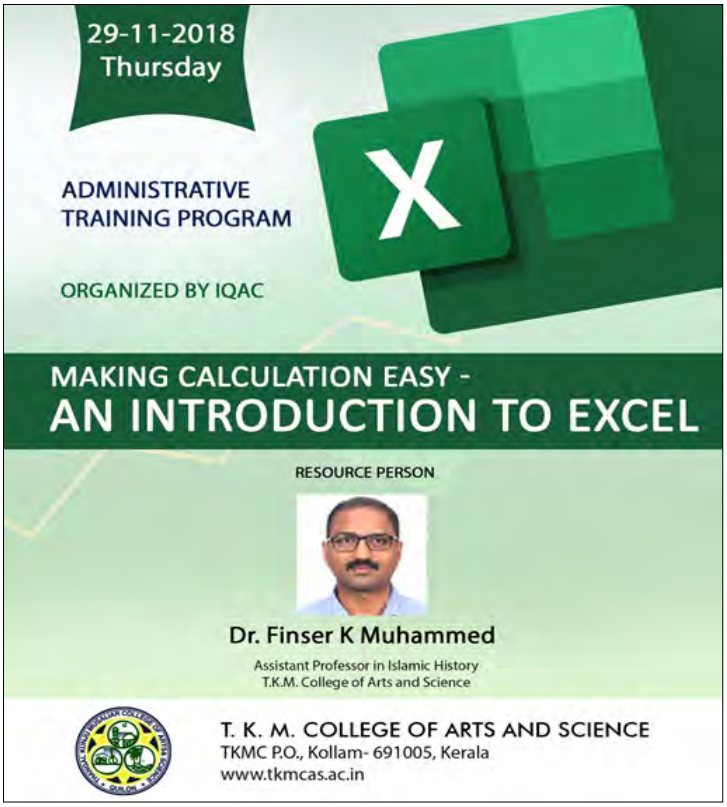
Inaugural function of the programme

Making Calculation Easy - An Introduction to Excel

A one day Administrative Training Programme was organized by the Internal Quality Assurance Cell of the college on 29 November 2018 on the topic 'Making Calculations Easy – An Introduction to Excel'. The programme was inaugurated by the Principal of the college Shajitha S.

Dr. Finser K Muhammed, Assistant Professor of Islamic History, TKM College, explained in detail the basics of Excel, Spread sheet Tools, and detailed how Excel is useful in recording and analysing numerical and statistical data. The lecture provided ample background of each concept and stressed on the fundamental areas to ensure that the faculty learn it completely and re-implement the concepts when required.

The concluding session was very interactive with the discussions among the participants. The session culminated at 2 pm with a vote of thanks given by the HOD of Islamic History Department.



Hands on Training in Latex

IQAC, in association with the Department of Physics of the college, organized a one-day faculty training program on 23.10.2018. The thrust area of the program was to provide training in Latex, and the resource person was Dr. Mohammed Salim M, Assistant Professor, and Department of Physics. The training started off with the inaugural speech by Dr. Smitha P G.

An insightful lecture was given by the resource person. He provided an introduction to Latex. 'Latex is a high quality typesetting system; it includes features designed for the production of technical and scientific documentation widely used in academia for the communication and publication of scientific documents in many fields including mathematics, statistics, engineering, chemistry, physics, economics etc.'. He highlighted the difference between latex and word processing software. In the hands-

on session, he demonstrated how to use the basic tools required for typesetting documents in Latex. In addition, during the same, participants were able to prepare their first text document using latex.

Then the session was dedicated to providing hands-on training to the participants on plotting data from external files. The data plots were then customized according to the requirements of authors.

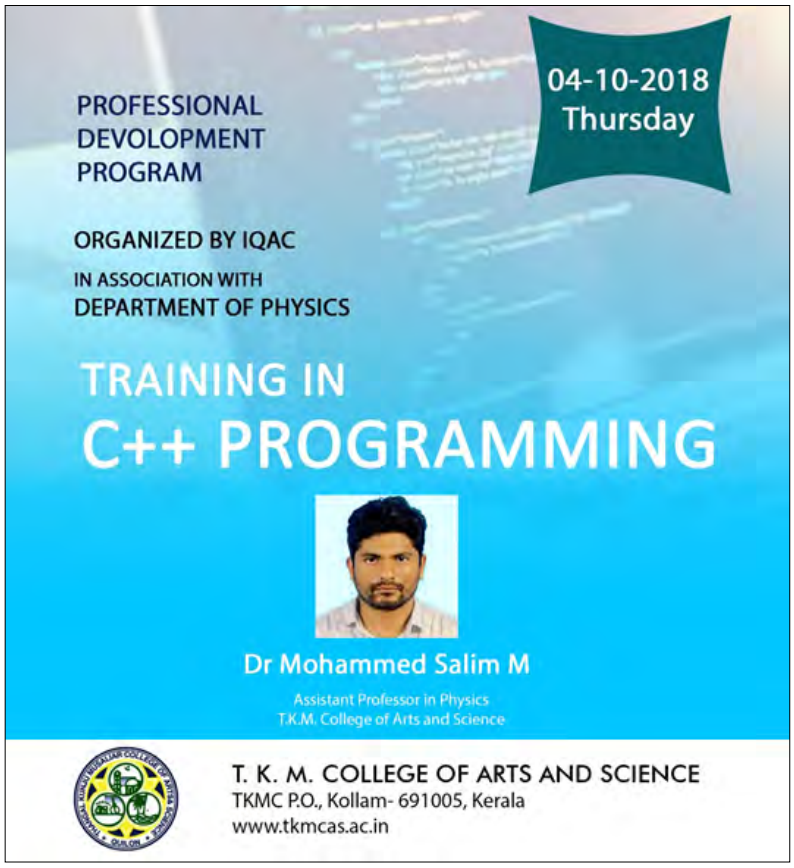
Later, sessions were devoted to interaction with participants on their experiences about the workshop.

Their feedback was received regarding the conduct of the workshop, content and expertize of the organizers. The event was a great success as it opened up innovative pathways to the participants.

Dr. Mohammed Salim during the training session

Training in C++ Programming

IQAC and the Department of Physics of the college jointly organized a professional development program Training in C++ programming on 4.10.2018. The program was exclusively for the faculty members of the Department of physics. The resource person of the program was Dr. Mohammed Salim M., Assistant professor, Department of Physics, TKM College of Arts & Science. The program was conducted at the DST FIST computer lab of mathematics department. The program includes a lecture on C++ programming and a practical training on the same. The main topics covered were introduction to Object oriented programming, Online compilers, data types, variables, operators, conditional execution, classes, objects, and functions. All the faculty members attended the faculty training program. The program started at 10.00 am and concluded at 1.00 pm. There were a hands-on training session in the afternoon.



Dr. Mohammed Salim M. in the training session

Faculty Training for Programming Language – Python

IQAC and the Department of Physics of the college jointly organized a faculty training program on Programming language Python on 12.9.2018. Python programming is a newly introduced topic in MSc Physics syllabus revised in 2018. The program was exclusively for the faculty members of the Department of physics.

The resource person of the program was Dr. Mohammed Salim M., Assistant Professor, Department of Physics, TKM College of Arts & Science. The session includes a lecture on python and hands on training.

The main topics covered were introduction to python, interpreted language, object oriented programming, data types, variables, operators, conditional execution, lists, tuples, dictionaries, functions. All the faculty members attended the faculty training program. After the session there was a practical session.

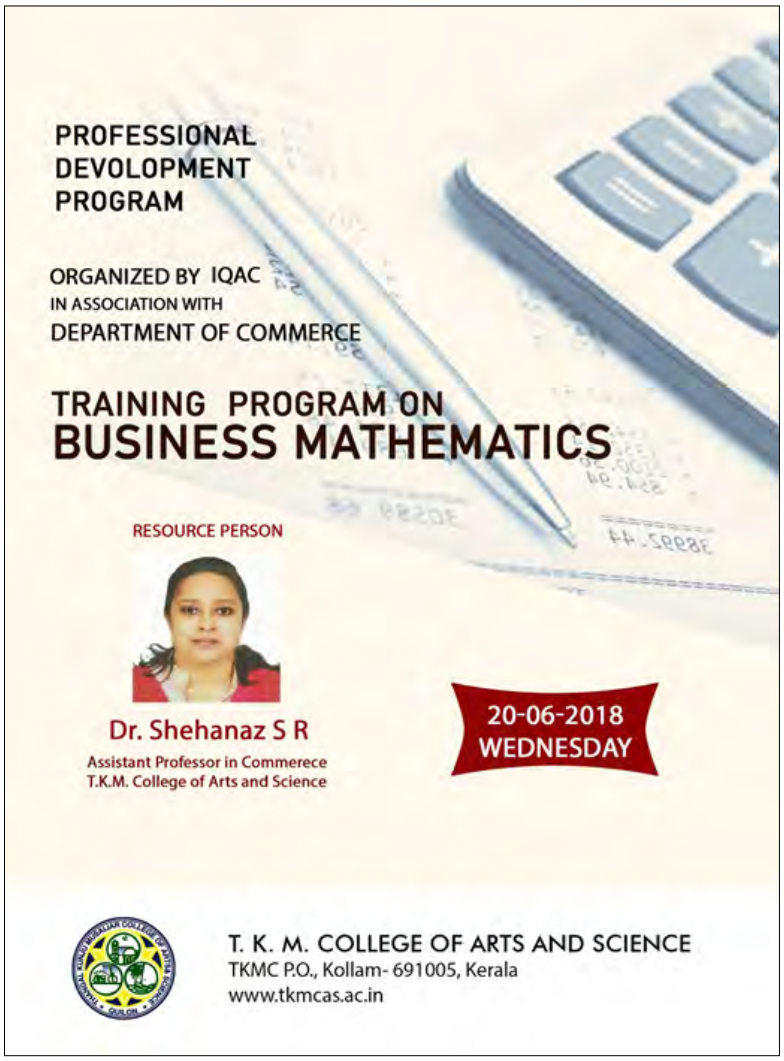
Dr. Mohammed Salim during the training session

Training Program on Business Mathematics

IQAC, in association with Department of Commerce of the college, organized a one-day training program on 'Business Mathematics' on 20 June 2018 at room no. 138. The programme focused on the various practical aspects of business mathematics. The programme started at 10 am with the welcome address by the coordinator of IQAC. Following it, the Principal of the college Prof. Hashimudeen A. inaugurated the programme and gave an introductory speech.

The resource person was Dr. Shehnaz S. R., Assistant Professor, Department of Commerce, T.K.M College. The programme took the participants through an overview of the wonderful world of mathematics. The speaker created a zest for numbers in the participants. She explained business mathematics in clear language, using realistic problems such as linear equations, interests, and quadratic equations.

The programme wrapped up around 1 pm. The vote of thanks was given by the convenor of IQAC. The entire programme was co-ordinated with the support of the principal and faculty of the Commerce department.



Dr.Shehnaz S.R. leading the session

WIPRO Placement Drive

The college placement cell and Wipro jointly organized a placement drive on 27. 03. 2019 specifically for final year BCA/B.Sc. students. Thirty students from different colleges in the district attended it.

Malayala Manorama Training Programme

The college placement cell, in association with Malayala Manorama, on 22 February 2019, organized a training programme on "Coping with Interviews."

Placement at SNIT, Kollam.

Selected students of the college attended the Wipro placement drive at S.N. I.T., on 12 November 2019. The five students who got placed are Akhila Henry (Maths), Aryasree K. (Maths), Jaseena A. (Maths), Parvathy Anand (Physics) and Hasbiya S. (Physics).

Akhila Henry

Hasbiya S

Aryasree K

Jaseena A

Training Programme for PG Students

A special training programme on competitive examinations for final year P.G. students was conducted on 4 December 2018. Prof. A. Hashimudeen, former principal, was the key note speaker.

Awareness Programme on SAP

ICA (Institute of Computer Accounting), a Kolkata based company, conducted an awareness programme on SAP, an accounting Software.

Principal Prof. S.Shajitha delivering presidential address

Scholar Support Programme (SSP)

Scholar Support Programme (SSP) started functioning in the institution since 2014. The programme envisages to extend support to students of under graduate level with timely assistance in terms of tutorials, additional lectures, interactive sessions, question banks etc. Students who have obtained less than 60% of marks in qualifying examination or in any subject for each semester can join for the Scholar Support programme. Feed back of students and their performance will be reviewed.

SSP programme has been implemented by The Directorate of Collegiate Education. Funds are allotted to the implementation of the programme for forty selected students of the college. The SSP programme was effectuated during 2018-19 as well. The inaugural session of SSP at T.K.M. college of Arts Science was chaired by the principal Prof. Shajitha S. Apart from students, the session was also attended by resource persons such as Prof.Rohini Krishna M.V.(Dept.of Zoology), Prof. Jeena R. (Dept.of Commerce), Prof. Ajiinza A. (Dept.of Biochemistry), Prof.Finser K Muhammed (Dept.of Islamic History), Prof.Shafana Shaffi (Dept.of English) and the Co-ordinator of the programme Dr. M.J .Sheeba (Dept.of Botany).

A meeting of resource persons along with the Principal and the Co-ordinator of SSP was held on 27-9-2018. As per the decision taken on the said meeting, classes were arranged only on morning and evening (9 am-10 am and 4 pm-5 pm).The first semester classes started on 3-10-2018 and ended on 4- 12-2018, and that of the second semester commenced on 22-1-2019 and ended on 28-2-2019.

All proceedings of the appointments relating to SSP were done by the Principal of the College. Students were issued with feedback forms, and were instructed to dully fill them. Four learning skill classes were taken by Fresnal Das, Assistant Professor, Department of Psychology, F.M.N.College, on 23-2-2019 . Thirty two life skill classes were held by Safeena Bai A., SDE, ASAP and Geethu Prasanth, SDE,ASAP. Twenty four IT Skill classes were taken by Lube E, Lecturer in CSE ,CAS, Kundara and Nithin S. Lecturer in Ele, MPTC ,KNDY.

Allmost all students of SSP participated in the general mentoring classes arranged by the principal. The fund allotted to utilize for SSP 2018-19 was 85,500. The total amount was fully utilized before 28-2-2019, and the statement of expenditure and utilization certificate along with duplicate receipts has been submitted to higher authorities for further verification.

Dr. Sheeba M.J.
Coordinator

DST-FIST

Ministry of science and technology has sanctioned the DST-FIST project to our college at a total cost of Rs- 92,00,000/- to strengthen the research and teaching facilities for various departments. A Project mplementation Committee was constituted in the college, with Jb. T. K. Jalaluddin Musaliar (Project Chairman), Prof. A. Hashimudeen (Chief Co-ordinator), Dr. S. Anas (Convenor), Dr. P. K. Manoj (Member PIC), Prof. V.K. Adersh (Member PIC), Dr.S.Sumalekshmy (Member PIC), Prof. Narayana Prasad (Member PIC), Prof. L.R. Aparna (Member PIC). The project implementation committee has taken all the initiatives to implement the project facilities in our college which was released under the three budget heads (1) equipment (2) infrastructure (3) networking. All the sanctioned equipments were installed in the college in various departments, Chemistry, Physics and Mathematics.

With the sophisticated research equipments, the college started a service oriented 'Research

X-Ray Diffractometer

Consultancy Service' (TKMCAS-RCS) to serve the students/researchers/faculties/ other academic communities with the most advanced research instrumentation tools, which were unattainable to them, due to the lack of costly instruments and heavy analysis cost. This service further aims to nurture potential collaboration among educational institutions, research centers, R&D labs and industries. The utilization certificate, statement of expenditure and the report of the project has been submitted to DST, Govt of India.

Santhwanam 2018

TKMCAS Global Alumni UAE, an alumni organisation under the college, organised the flamboyant event Santhwanam 2018 on 27. August 2018 keeping in mind the vision of the founder of the T.K.M. institutions that to give a helping hand to the indigent and the downtrodden. The event was meant to distribute medical and financial aid to dialysis patients and to give away Merit cum Means scholarships to TKMCAS students. Financial aid distribution was done by Dr. Shahal Hassan Musaliar, President, T.K.M. College Trust. Sri.M.Noushad MLA, Prof. S. Shajitha, Principal, T.K.M College of Arts and Science and Sri.Mubarak Abdul Salam, President, Global Alumni UAE addressed the gathering.

Ormayil En Kalalayam: A Gathering of Former Students

A gathering of T.K.M. College Former Students Association(TFA) Ormayil En Kalalayam held on 27. January 2019 was inaugurated by Adv. V. Rajendrababu, Honourable Mayor, Kollam corporation. Presided by the Principal of the college Prof. S. Shajitha, the event underscored the social commitment of the alumni. Janab. T.K. Abdul Karim Musaliar, member, T.K.M. College Trust delivered the key note address.

As part of the programme, the association honoured the retiring teachers and distributed poor aid fund and scholarships. Prof. A. Hashimudeen, Dr. E. Abdul Razaac and Prof. Abdul Majeed felicitated the event.

Safe Kollam: An Awareness Programme

At a time when myriad news on substance abuse among school and

college students are reported, T.K.M. College of Arts and Science and District Police Department jointly organised an awareness programme Safe Kollam on 12. November 2018.

Principal of the college Prof. S. Shajitha welcomed the gathering. Assistant Commissioner of police Sri. Shihab was the chief guest and the awareness class engaged by Sri Sooraj from district police department touched upon such areas as drug abuse, cyber crime, sexual abuse prevention, self defence and POCSO act. The programme was highly fruitful to the students.

Clips from Safe Kollam

National Science Day Celebration

National Science Day 2019 was jointly organised in the college by department of Physics, department of Chemistry and science club on February 27, 28 2019. The programme was inaugurated by Dr. Pramod Dominic, Assistant Professor, U.C. College, Aluva, and the2 principal of the college Prof. S. Shajitha delivered the presidential address.

As part of this two day event, inter collegiate quiz competition was also organised. Dr. B. Harikumar, HOD, Chemistry, Prof. A.Hashimudeen, liason officer, N.K. Sajna, HOD, Physics and Prof. Safir T.K. spoke on the occasion.

Shasthrajalakam

Shasthrajalakam" is a project embarked by the General Education Department, Kerala to strengthen scientific temper among school students. The State Institute of Education and Technology (SIET) has been entrusted with implementing the "Shasthrajalakam" Project aimed at identifying promising talents among class 9 students in the state. The 1400 students studying in Class IX are part of the State level program. Hundred students from each district will get the opportunity.

As part of this project, a three- day workshop was conducted from 26 October 2018 to 28 October 2018 in the institution under the coordination of Dr. Renjith R., Assistant Professor, Department of Physics.

Participants of Shasthrajaalakam with Honourable Minister V.S.Sunilkumar, T.K.M. Trust Chairman Dr. Shahal Hassan Musaliar, Principal Prof. S.Shajitha and Liaison Officer Prof. A. Hashimudeen.

Shasthrapadham

"SHASTHAPADHAM," the three day residential camp, held at T.K.M. College of Arts and Science, from 19. 01. 2019 to 21. 01. 2019, is an innovative programme initiated by the Samagra Shiksha, Kerala, in association with Department of Higher Secondary Education (DHSE), Government of Kerala, to attract talents to the study of science at an early stage. The main objective of the SHASTHRAPADHAM science camp is to communicate to the young students of the state the excitements of creative pursuit of science, and build the required critical human resource pool for strengthening and expanding the science and technology system. During the three day residential camp, the participants got an opportunity to interact with renowned scientists and academicians, visit to research institutes, and exposure to sophisticated equipments and virtual labs. Dr. R. Renjith, Assistant Professor, Department of Physics, TKM College of Arts and Science coordinated the programme. The workshop was well attended.

Dr. V.P. Mahadevan Pillai, Vice Chancellor, University of Kerala inaugurating Shasthrapadham

Three day residential camp was inaugurated by Dr. V.P. Mahadevan Pillai, Vice Chancellor, University of Kerala. Prof. S. Shajitha, Principal, T.K.M. College of Arts and Science, presided the inaugural ceremony. Prof. A. Hashimudeen, Dr. Chithra Gopinath and Dr Renjith R. Spoke on the occasion.

Infinity Lecture Series

The department of Physics, as part of Infinity Leacture Series, organised on 7. 03. 2019 a talk by Niyas Puzhakkal, Radiation Safety Officer, MVR Cancer Research Institute, Calicut, on Role of Radiation Physics for Facilitating Healthcare. Principal of the college Prof. Shajitha S. presided the programme and Prof. N.K. Sajna, HOD, Physics, welcomed the gathering.

In his two hour long talk, Sri. Niyas Puzhakkal explicated the contours of radiation and its use in medical diagnosis and therapy. Prof. Hashimudeen A., Liason Officer, offered felicitation.

Audience: Infinity Lecture Series

World Wetland Day Observance

In connection with World Wetland Day observance, the department of Zoology, with the support of Kerala State Council for Science, Technology and Environment, organised a talk on Wetlands and Climate Change on 5 February 2019. In conjunction with the academic talk, an interdepartmental quiz competition on wetlands and climate change was conducted on 31. January 2019, and prize distribution was carried out by the principal of the college Prof. Shajitha S. The key note speaker, Dr. Jean Jose J., Assistant Professor, department of Zoology, S.G. College Kottarakara, reflected on the values of wetlands and ascertained that wetlands are the most effective carbon sinks on our planet, and the natural power of this ecosystem could make a seachange in the current climate variation.

Inauguration of Kerala Civil Service Academy

Kerala Civil Service Academy, functioning under Continuing Education, Kerala, started operating in Kollam district at T.K.M. College of Arts and Science. The official inauguration of the civil service centre was on 2019 January 13 conducted by Minister for Higher Education Dr. K.T.Jaleel.

The inaugural ceremony was presided by the Honourable Minister J. Mercikuttiyamma and the key note address delievered by Dr. Shahal Hassan Musaliar, Chairman, T.K.M. College Trust. Sri N.K.Premachandran M.P., Sri M. Noushad MLA, Sri.K.N. Balagopal Ex. M.P. Sri. Alexander IAS, Sub Collector, Kollam and Prof. Shajitha S. Principal, T.K.M. college of Arts and Science offered felicitation. Prof. A. Hashimudeen, district centre coordinator delivered vote of thanks.

Honourable Minister K.T. Jaleel inaugurating the Civil Service Academy district centre

World Space Week Celebration 2018

Postgraduate and Research department of Physics, under the tutelage of Physics Forum, observed World Space Week on 16. November 2018. As part of the event, the physics team of the college organized a quiz competition named "Interstellar Space Quiz" and a sky photography contest called "Celestial Snaps." The event concluded with a valedictory function in which the key note address was delivered by the Principal of the college Prof. S. Shajitha. Prize distribution was performed by Prof. A.Hashimudeen, Liaison Officer of the college. Prof. Safir T.K., Coordinator of the programme, and Prof. N.K. Sajna, HOD, Physics also spoke on the occasion.

Prof. Shajitha S. delivering the key note address

APT TSE 2018

All Kerala Physics Talent Search Examination (TSE) conducted by Academy of Physics Teachers is intended to motivate the meritorious students towards research and career avenues in Physics by providing opportunities. During the academic year 2018-19, TSE was conducted on 15th December 2018.

Out of 14 students applied, 12 students appeared for the exam. The question paper contains both objective and descriptive type of questions and the total time allotted is 180 minutes. Safir T,K , Assistant Professor, Dept. of Physics was the centre coordinator.

Students attending the TSE examination

Career Guidance Programmes

Awareness Programme on Competitive Examinations

Introductory address of the programme-Principal S.Shajitha

Training and Placement Cell of the college organised an awareness programme on competitive examinations for final year P.G. students on 4.12.2018. Prof. A. Hashimudeen, former Principal of the college was the resource person.

He explicated in detail the nature of various competitive examinations, and the strategies require to be resorted to win it.

Higher Studies and Career Guidance

The Department of English organized its career orientation programme for the academic year 2018-19 titled 'Higher Studies and Career Guidance' on 10 January 2019. The session was handled by Dr. Smitha P.G., one of the senior members of the faculty, and a career guide in the field of higher education. The programme was inaugurated by Shajitha S., the Principal of the college. The session began at 2.00 pm and ended at 3.30 pm, followed by a question answer session.

The latest trends in the market and the unexplored opportunities in the field of English language and literature were the major concerns of the session. The faculty members of the department and 65 students from the final year UG and PG batches attended the session.

Dr. P.G.Smitha addressing the students

Stepping Stones

Prof. Manesh Rasheed during his talk

Department of Biochemistry of the college organized a career guidance programme entitled Stepping Stones on 10.12.2018 for B.Sc. Biochemistry students.

Prof. Manesh Rasheed, Assistant Professor at TKM College of Engineering handled the session, and he discussed the important courses that students can pursue after graduation.

Science Day celebration and Career opportunities in Chemistry

The National Science Day Lecture–2019 was conducted on 28th February 2019. The inaugural session of the programme was conducted at College seminar hall on 28th February 2019 at 10.00 AM and Dr.Deepa Janardhanan, Assistant Professor, Department of Chemistry, Central University, Kasargodu inaugurated the function. The inaugural session concluded at 10.30 AM.

This was followed by the national science day-2019 lecture and a talk on career opportunities in chemistry delivered by Dr.Deepa Janardhanan. She detailed the opportunities especially in pharmaceutical and computational chemistry in India and abroad, and discussed about the various funding agencies and scholarships and mutual student exchange programmes.

Dr.Deepa Janardhanan's talk

Career and Management Studies

Department of Commerce conducted a career guidance programme titled 'Career and Management Studies' on 28.01.2019. The session was handled by Mr. Prawin, Management Trainer, Makeintern. The session was highly interactive, and provided information to students with regard to various unexplored areas in management studies.

Students of both UG and PG courses attended the programme. Contact number of resource person is 8489154754.

Islamic History and Academia

Prof. Ashraf Kadakkal leading the session

As part of Easria: Lecture Series 2019, the department of Islamic History conducted a lecture dealing with future prospects in Islamic History as an academic discipline at the seminar Hall on 28th February 2019.

The chief guest for the event was Prof. Ashraf Kadakkal, Department of Islamic History, University of Kerala.

Opportunities in Mathematics

Amina Nazar addressing the students

The Department of Mathematics organized a career guidance programme titled Opportunities in Mathematics on 14.December 2018 for the fifth semester B.Sc. Mathematics students of 2016-19 batch. Ms. Amina Nazar, alumni of Mathematics department was the resource person.

During the session, different opportunities of students with mathematics background are discussed in detail. The session was particularly informative for students.

Approaching Higher Education: Awareness on Prestigious Indian Institutes

Department of Physics organized a career guidance program titled Approaching Higher Education: Awareness on Prestigious Indian Institutes on 16th October 2018. The resource person was Mr. Noah Jacob, Guest Faculty, Department of Physics, TKM College. The discussion was about the opportunities available in different institutes across the country for students who completed degree and PG courses.

The post graduates students and selected under graduate students of Physics department participated in the program.

Noah Jacob in his talk

Higher Studies in Different Disciplines

RajeshKumar.R interacting with students

The department of Zoology organized a one-day seminar-cum workshop on 05.09.2018 for final year degree students on the topic Introduction to the Integrated MSc-PhD Programmes Offered by Different Universities. Mr. Rajesh Kumar R., Assistant Professor, Department of Mathematics, Brennan College, Thalasseri handled the sessions. Students from various departments of the college attended the workshop.

The resource person detailed on the ample opportunities and career options in connection with science, commerce and arts.

Post Graduate & Research Department of English

About the Department

Started right from the inception of the college, the Department of English became a PG department in 1999. The department has grown to include 12 well – qualified members, four Associate Professors and 8 Assistant Professors.

Four of the faculty are doctorate degree holders. The areas of expertise of the faculty range from comparative literature to modern literary trends and the media. The varied interests and talents of the staff put them in the lead when it comes to co-curricular activities also.

Faculty Profile

M.Najuma.

Associate Professor and Head of the department

Dr. P.G.Smitha *(Associate Professor)*

Sherin Aslam

(Assistant Professor, Coordinator, WWS, Faculty adviser, first B.A. English)

Gayatry S. *(Assistant Professor)*

Dr. Sumithra Devi S.

(Assistant Professor, Convenor, Media Club, Convenor, Cultural Club)

Niyas S.M.

(Assistant Professor, Convenor, Annual Report Committee)

Shafana Shaffi

(Assistant Professor, Convenor, Anti-Ragging Club)

Lt. Liby K.S.

(Assistant Professor, ANO, Nine Kerala Battalion NCC Girls)

Dr. Sulfia S. Santhosh

(Assistant Professor, Convenor, Literary Club, Faculty adviser, third year B.A. English)

Muhammed Roshan B.

(Assistant Professor, Faculty adviser, second year B.A. English)

Kirthi S. Babu

(Position held, Assistant Professor (Guest Lecturer)

Faculty Achievements

Niyas S.M.

- Submitted minor research project entitled "Transformations: The Long Poems of Robert Kroetsch"
- Participated in the orientation programme conducted by the University of Kerala from 27.02.2019 to 26. 03. 2019

Gayatry S.

- Participated in the UGC Sponsored Refresher Course- Summer School at HRDC, Karyavattom, Trivandrum from 30-11-2018 to 20-12-2018.

Dr. Sumithra Devi S.

- Presented a self-composed poem titled "Thataka" at the Kaviarangu of Soorya Festival of Arts and Music on 31 Dec 2018.
- Member, Editorial Board, English Activities Update, University Approved Literary Journal.
- Published a paper titled "Dynamics of Migration: Memories, Unhousing and Unhappiness" in TKM Arts College International Journal for Multi-disciplinary Research, 2018.

Shafana Shaffi

- Presented a paper titled "Journeying to Self Discovery: A Study of Select Personal Narratives of Hajj Pilgrimage" held at the Department of Studies in English, Kannoor University on 31 January, 1 and 2 February 2019.
- Served as a Resource Person for the Workshop on syllabus revision for the UG programme organized by the Board of Studies (pass), University of Kerala on 29, 30 Septemmer 2019.
- Participated in the cluster workshop for internal mentors of Scholar Support Programme on 17. 12. 2018
- Submitted UGC minor research project entitled "Redefining Identity, Gender and Culture in Islam: A Study on Pilgrim Memoirs"

Lt. Liby K. S.

- Presented a paper titled "Voices from the Woods: A Study of P Valsala's The Nectar of Panguru Flower" in the the National seminar organized by the Postgraduate and Research Department of English, Govt College Malappuram on 30th October 2018.
- Submitted minor project titled "High Tech Low Life: An Atomosation of the Postmodern Human Condition" on 10 April 2018.
- Attended NCC Annual Training Camp at Vivekananda HSS Kadambanad from 18/4/2018 to 27/4/2018.
- Conducted a workshop on" Personality Development and Communicative Skills" for students of Meenakshi Vilasam Vocational Higher Secondary School, Kollam.

Muhammed Roshan B.

- Participated the one seminar on 'Literary Theory' organized by the School of Distance Education, University of Kerala on 18 July 2018:
- Participated and presented a paper titled "Historicizing Sri Lankan presence in Australia" in the National seminar on South Asian Diaspora in Australia from 28 to 30 November 2018
- Attended and presented a paper titled " Reconstructing History: An Analysis of Cherur Padappattu and Malappuram Pada" in the Fourth annual session and international Congress of Kerala history Congress, organized by the department of History, University of Kerala, on 20, 21 and 22 December 2018
- Attended the two day national seminar on "Malayalam Cinema: Contested Screens, Contending Economies" conducted by Institute of English, University of Kerala on 14 and 15 March 2019

Shameena Fouziya

former faculty of the department, submitted UGC minor research project entitled "Indianness in the Poetry of A.K. Ramanujan and Nissim Ezekiel."

Report on the Personality Development Workshop 2018-19

A workshop on "Personality Development" was taken by Liby K.S. , Assistant Professor of the Department of English at Meenakshi Vilasam, Government Vocational and Higher Secondary School on 5 Jan 2019.

The workshop started with an ice breaking session, where the students introduced themselves. This was followed by a brief session on life skills and SWOT Analysis.

They were asked to write their strengths, weakness, opportunities and threats on the card and they presented it before the class.

Teacher introducing Life Skills

SWOT Analysis

A student introducing herself

An interactive session

The Department of English plans to conduct classes on personality development and communicative skills every year for the students of Meenakshi Vilasam, Government Vocational and Higher Secondary school.

Achievements of Students

- Muhammed Zameel of S3 B.A.English was the Zonal level winner of Speak for Kerala competition
- Anandakrishnan of S6 B.A. English was the Zonal level winner of Speak for Kerala competition
- Hafna H. of S6 B.A. English was the regional level winner of Speak for Kerala competition
- Anandakrishnan of S6 B.A. English bagged first prize in the inter-collegiate debate competition organized by the Asian School of Business.
- Gowri Devi B., and Anjali A. of 2016-18 M.A. batch cleared UGC NET examination

Department of Arabic

Non-Muslims as well as foreigners such as Bhutanese students are now opting for Arabic as second language, taking into consideration the international significance of the Arabic language. The Department of Arabic deals with the teaching of Arabic at the UG level as second language. It has very good syllabi to prepare the students to compete with the candidates belonging to the international level. The aim of the Syllabi is to develop the communication skills and inculcating values of communication among the students and to sensitize the student to the aesthetic, cultural and social aspects of literary appreciation and analysis.

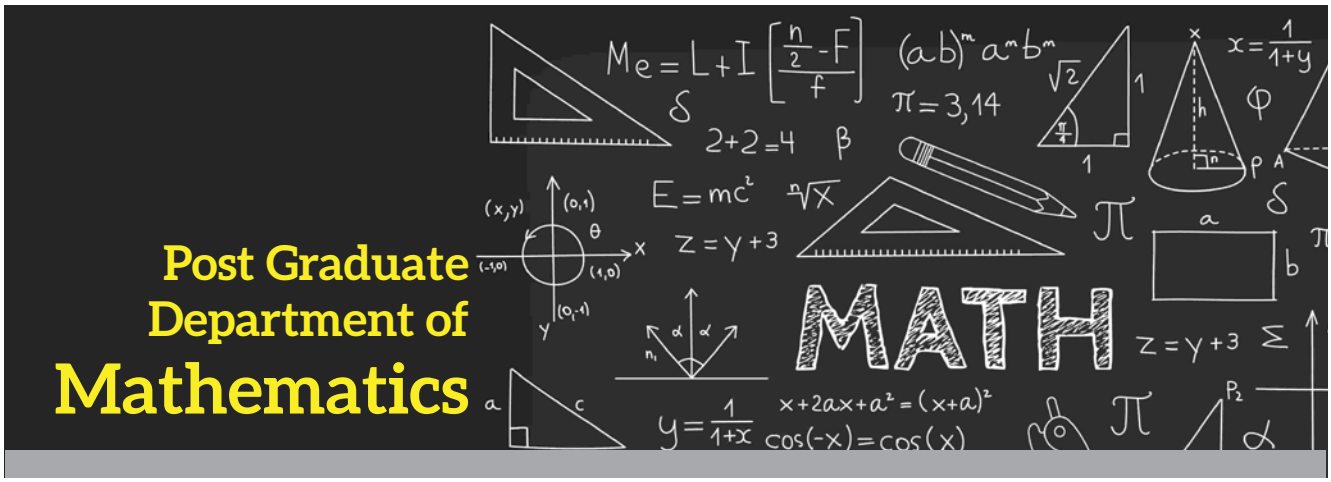
The Arabic Department is a one-man department. Mr. E. Najeem is the only faculty member. He is one of the members of Board of Studies in Arabic (PASS), University of Kerala since 2012. The following steps were taken, so as to improve the facilities of the Department.

1. A reading corner was established in the department room. There are more than 150 references books in the reading corner.
2. Document translation and Arabic consultancy services were strengthened.
3. The department played a significant role in the publication of the college Magazine.

Taking into account the scores in the University exams of the students in Arabic (Second Language), it is clear that the department has done its best and statistics speak for themselves, 80% students scored A Grade, 15% scored B Grade and the rest scored C Grade in the University examinations.

The Department of Arabic is one of the departments which render maximum service to the general public, even though it is not a full-fledged department. A number of people from the district of Kollam work in the middle East where official papers including Visa, Appointment orders, Driving Licenses, Certificates and such other official papers are printed only in chaste Arabic which was difficult to get translated. And Mr. E. Najeem is an expert in the job of translating these materials.

Apart from his academic activities, Mr. Najeem is very active in the co-curricular activities of the college. He has also the role of Staff Advisor, P.T.A. Secretary, Member of Advisory Committee of National Service Scheme, Co-ordinator of internal examinations, Returning of Officer of College Union Election, Convener of Ethics Committee, and member of College Council and Discipline Committee.



About the Department

Department of Mathematics established in the year 1980 has glorious history of 37 years, and has been upgraded to post graduate department in the year 1982. The main objective of the department is to provide quality education in Mathematics so as to bring the department as one of the best centres of mathematics in Kerala.

MAJOR EVENTS

Despereaux -19(Pi-Day)

Thedepartmentofmathematics,inconnectionwith the pi Day celebration organized the "DESPERAUX-2019'' aimed at unveiling the mathematical skill of college students across

Kerala. On 14th March 2019, we celebrated Pi day in the name the "DESPERAUX- 2019". It was a one day programme that includes intercollegiate treasure hunt competition, intercollegiate presentation competition, pi value competition, chess competition and Rubik's cube competition. In addition to this, an exhibition was also conducted. All the faculties and students in the college actively participated in this event which was a grand success.

Math Forum

Regular activities of the Math forum includes meeting on every Thursday evening at 4'o clock. Apart from this Math forum takes initiative to various departmental activities including Pi-day celebration.

Faculty Profile and Achievements

Dr Pathumma Beevi M.

- Attended one day workshop on "quality in higher education –New trends" organized by IQAC,TKM College of Arts and Science,Kollam

Positions Held :

- Head of the Department
- Board of studies Member, Kerala University

Narayana Prasad M.

- Attended Refresher course in environmental science conducted by UGC_Human Resourse Development Centre , University of Kerala ,From 28-11-2018 to 18-12-2018
- Attended one day workshop on "quality in higher education –New trends" organized by IQAC,TKM College of Arts and Science,Kollam.

Positions Held :

- Convener, Admission committee
- Faculty Adviser2nd year MSc
- Member, DST-FIST
- Additional superintendent University Exam
- Member,Enquiry Committee

Adersh V.K.

- Attended the meeting of the Board of examiners, MSc Second Semester Mathematics (Pre-Practical), University Buildings, Thiruvananthapuram, 07 December 2018
- Attended International conference at Kerala School of mathematics on 10-14 December 2018
- Attended workshop at kerala school of mathematics on 21-may to 02 June
- Attended workshop at Marthoma College

Thiruvalla on 02–07 April 2018

- Attended one day workshop on "quality in higher education –New trends" organized by IQAC,TKM College of Arts and Science,Kollam
- Research Visit, National Institute for Science Education and Research (NISER), 02-13 May 2018.
- Refresher Course for College Teachers in Kerala State-Finite Group Representations, Kerala, School of Mathematics, Kozhikode, 07 to 09 September 2018.

Positions Held :

- Nodal officer, AISHE
- DST-FIST Member
- NAAC ,Dept Coordinator.

Dr. Aswathy M.R.

- Attended one day workshop on "quality in higher education –New trends" organized by IQAC,TKM College of Arts and Science,Kollam

Position Held :

- Faculty Advisor, First year Msc
- Member, internal exam team
- Nisamudeen Ashique P.K.
- Attended one day workshop on "quality in higher education –New trends" organized by IQAC,TKM College of Arts and Science,Kollam

Positions Held

- Training and placement officer
- Tutor,I Year Bsc Mathematics

Rissana T.A.

- Attended one day workshop on "quality in higher education –New trends" organized by IQAC,TKM College of Arts and Science,Kollam

Positions Held :

- Faculty Advisor Third year Bsc
- Faculty in charge of Department Library

Niza N.

- Attended one day workshop on "quality in higher education –New trends" organized by IQAC,TKM College of Arts and Science,Kollam

Harilal N. Thazhikkattuseril

- Attended one day workshop on "quality in higher education –New trends" organized by IQAC,TKM College of Arts and Science,Kollam.
- Organised Pi-Day celebrations (DESPEREAUX-19) on March -14

Positions Held :

- Faculty Advisor, Second year Bsc Mathematics
- Convener, "Math forum"

Achievements by Students

LIST OF STUDENTS QUALIFIED JAM EXAMINATION 2019

Class	*Roll number*	*Name of students*	*All India Rank*
Bsc (Maths)2016-2019 Batch	MA710F141	Aryasree K	2693
Bsc (Maths)2016-19 Batch	MA710F145	Liya Susan Jayan	1722
Bsc (Maths)2016-19 Batch	MA710F189	Athira MG	2512
Bsc (Maths)2016-19 Batch	MA710F155	Amal V	1667
Bsc (Maths)2016-19 Batch	MA710F077	Akhila Henry	3649

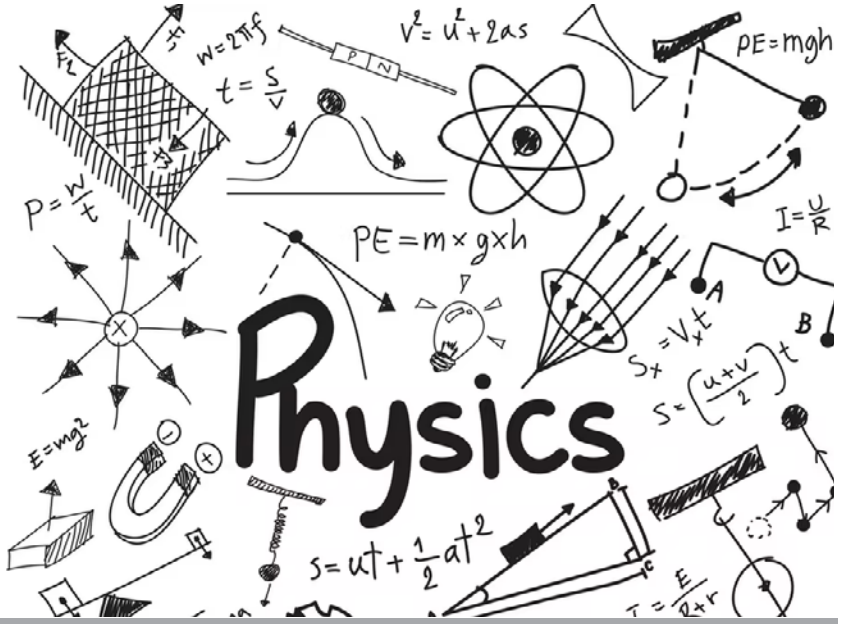
Winners of Quiz Competitions and Training Programmes

- Akhila Henry and Anju Mariam Jose (Bsc final year mathematics) won second prize in regional level Dr. VS Nair Quiz Competotion conducted by Kerala Statistical Association,Msm College , Kayankulam on 26 February 2019.
- S Maheswaran and Medha P Sharma (Bsc Second year Mathematics) got selection for Mathematics Training and Talent Search (MTTS)
- Akhila Henry have been selected for IASc-INSA-NASI Summer research fellowoship programme (SRFP)
- Arun Shankar Bsc Mathematics (2015-18 Batch) joined in Indian Military

Result Analysis

	No of students	No of students passed	Percentage
UG	48	34	70%
PG	19	9	48%

Post Graduate & Research Department of Physics



About the Department

Department of Physics started in the year 1980, offering post graduate course from 1998 onwards and is a leading research department in the college. University had recognized it as a research centre in 2013.

Faculty Profile

Name	Designation	Specialization	Role
Prof. Sajna N K	Associate Professor	Material Science	Head of the Department
Prof. L. Ushakumari	,,	,,	Faculty Adviser 2nd Msc
Prof. L .R Aparna	Assistant Professor	Plasma Physics	Faculty Adviser 1st MSc, DST-FIST committee member, Disciplinary Committee member
Dr. P K Manoj	Assistant Professor & Research guide	Thin Films	DST-FIST committee member, WWS Resource Person, Research committee member, Research journal convener
Dr. Mohammed Salim M	,,	Particle Physics, High Energy Physics	Coordinator, Infinity Lecture Series
Dr. Renjith R	,,	Computational Spectroscopy	Faculty Adviser 3rd DC
Dr. Shabna R	Assistant Professor	Condensed Matter Physics	Faculty Adviser 2nd DC
Prof. Safir T K	,,	-	Faculty Adviser 1st DC, Coordinator of Physics Forum
Prof. Noah Jacob	Guest Faculty	-	-

Number of students in UG

Batch	Strength
1st Year	39
2nd Year	43
3rd Year	43

Number of students in PG

Batch	Strength
1st Year	13
2nd Year	15

Number of Research Scholars : 5

Major Events

- World Space Week celebration was organized by Physics Forum on 16th October 2018 . Space Quiz and Sky Photography Contest where conducted.
- "Sastrajalakam" programme was conducted in the college which is a Science Enrichment programme initiated by State Institute of Education Technology (SIET) . There was a session on Physics experiments familiarization to school children of 9th standard in physics lab on 28th October 2018
- Our PG students visited INO lab at IICHEP , Madurai on 12th December 2018.
- The department acted as the regional centre for All Kerala Physics Talent Search Examination (TSE 2018) on 15th December 2018.
- Sastrapadam was conducted with the college which is a science enrichment programme to Plus One students initiated by Sarvashiksha Abhiyan. There was a lab familiarization session in our Physics lab on 21st January 2019.
- National Science Day was celebrated by Physics Forum on 27th and 28th February 2019 supported by KSCSTE. Intercollegiate Quiz completion and a Troll competition based strictly on science facts were conducted on 27th February 2019. A talk by Dr. Pramod Dominic, Asst. Prof., UC College, Aluva was arranged on 28th February 2019.

Positions Held

- Dr. R. Renjith was the department and college coordinator for Sastrapadam and Sastrajalakam- Science Enrichment Programme for school children.
- Dr. M. Mohammed Salim and Dr. R. Renjith were the project guide for the PG students from outside colleges. Renjith supervised 7 PG projects and Salim supervised 2 PG student projects.
- Dr. R. Renjith was assigned as internal mentor of WWS of BSc S4.

Faculty Members in Professional Bodies

- Dr. P K Manoj is a life time member of Optical Society of India and lifetime member of Optical Society of America.
- Prof. L R Aparna, Dr. P K Manoj and Dr. M. Mohammed Salim are life time member of APTK.

Research

Number of Research Guides : 4

Number of Research Scholars : 5

Number of Research papers published: 7

Supervisor : Dr. P K Manoj

Student Name	Title	Part time/ Full time	Date of joining	Registration order
ASWATHY B R	Synthesis of metal oxide based thin films by sol-gel route and its characterization for different applications.	Part time	01/01/2018	
Ms JASMIN M	Study of Variation on Characteristics and properties of iodate single Crystals grown in Silica gel due to doping of impurities.	Part time	22/10/2013	No AcE1. B1/36764/2012 dtd 28/10/2013
Ms SINI SUGATHAN	Study of Variation on Characteristics and properties of carbonate single Crystals grown in Silica gel due to doping of impurities.	Part time	26/07/2016	No AcE1.B/113/ PHY/14433/1 dtd 02/09/2013

Supervisor : Dr. Najida

Student Name	Part time/ Full time
IGNATIUS J	Part time
HAIDY IGNITIUS	Full time

Achievements by Students

- Prem Milan Robin and Achutan S Nair win first prize in Prof. T. Vijayakumari Memorial 5th All Kerala Intercollegiate Physics Quiz competition held at D.B , Sastamkotta.
- They have won second prize in intercollegiate Quiz competition conducted by S.N College for women as part of Science Day Celebration.
- Athira B S of BSc 2014-2017 qualified GATE with AIR 2300
- Sarath Prem of BSc2014-2017 qualified GATE with AIR 800
- Prem Milan Robin of BSc S6 qualified JAM with AIR 543
- Abhijith Sharma of BSc S4 was selected for Kerala University Chess team which participated at South Zone Inter-University Chess Championship. He was a member of college team which won the Kerala University Chess Championship.
- Vinay K of MSc (S4) qualified GATE with AIR 1593.

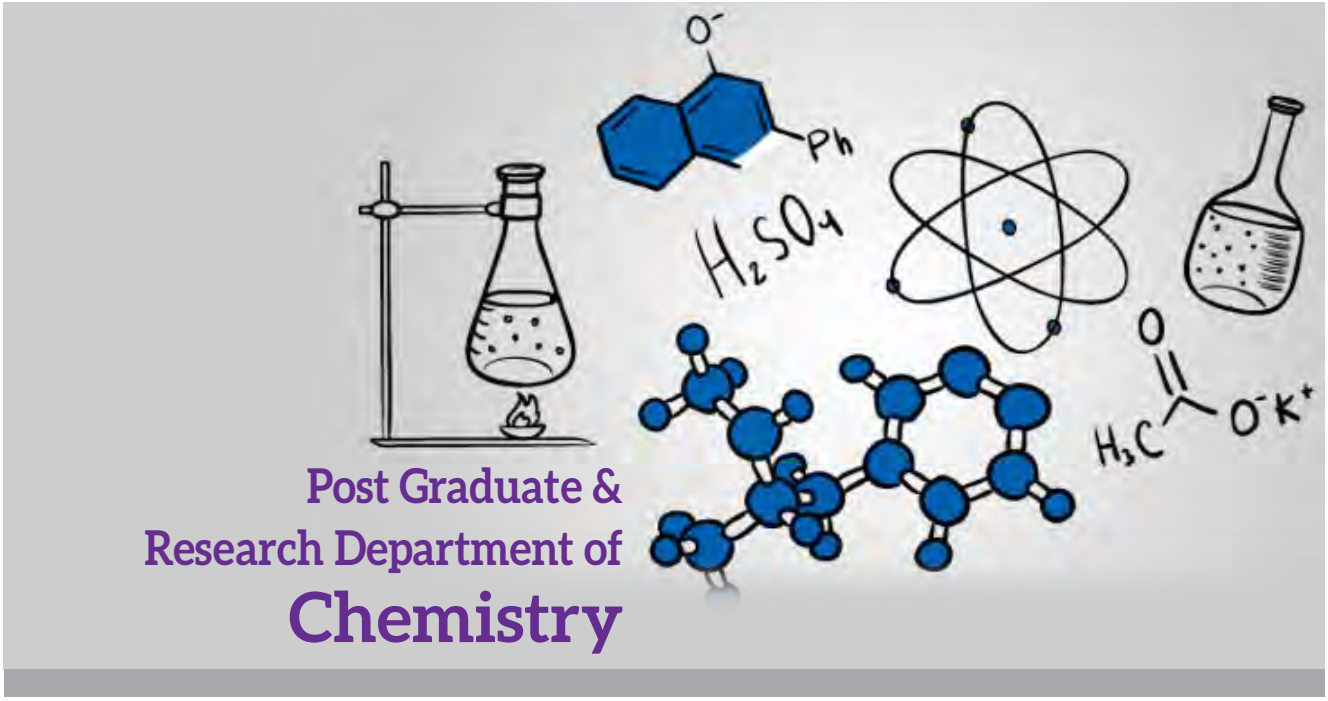
Faculty Achievements

Dr. M. Mohammed Salim, Dr. R. Renjith and Prof. Safir T K participated in two APT National workshops on

- "Quantum Theory of Scattering" at Christ College, Irinjalakuda on 23-24 June 2018
- "Relativistic Quantum Mechanics" at S.B College, Changanassery on 13-14 October 2018
- Prof. L R Aparna, Dr. M. Mohammed Salim and Prof. Safir T K participated in Awareness-Cum-Training Programme on Plasma Science and Technology and Energy from Nuclear Fusion at IISc, Bangalore.
- Dr. P K Manoj presented a paper at 31st Kerala Science Congress 2019, titled "Structural studies of Zinc oxide thin films by sol-gel dip coating method".

Participation of Students in Seminars and Workshops

- MSc (S1) students participated in a workshop on" Space Science and Technology " jointly organized by VSSC, TVM and Dept of Physics, S.N. College foe Women, Kollam on 14th October 2018.
- MSc(S3) students participated in KSCSTE sponsored Environment Management Training on "Effect of climate changes in lightning and natural disasters : Importance in present scenario" at S.G College, Kottarakara on 10-12 January 2019.
- Vinay K of MSc (S4) presented a paper at Kerala Science Congress, 2019, titled "Structural studies of Zinc oxide thin films by sol-gel dip coating method".



Post Graduate & Research Department of Chemistry

About the Department

- Year of establishment: 1978

Faculty Profile

Name	Designation	Specialization	Role
Dr. Harikumar B.	Associate Professor	Phytochemistry/ Computational chemistry	Head of the Dept.
Dr. Anas S.	Asst.Professor	Materials Chemistry, Functional Nanomaterials	
Dr. Sumalekshmy S.	,,	Organic Chemistry, Photochemistry	
Dr. Siyad M. A.	,,	Polymer chemistry/Organic chemistry	
Dr. Chithra Gopinath	,,	Organic Chemistry	
Ms. Sherifa Rahim	,,	Inorganic Chemistry	
Dr. Abdul Rahim	,,	Organic Chemistry, Photochemistry	
Dr. Tharun A. Rauf	,,	Functional Polymers & Physical Chemistry	
Dr. Simimole H.	,,	Organic Chemistry	
Jayalekshmi Babu	Assistant Professor (On Contract)	Organic Chemistry	

Courses offered

Department of Chemistry offers BSc CBCSS Chemistry courses for Chemistry Majors and Complementary course for Botany, Zoology and Biochemistry Majors. A paper on Environmental Chemistry is taught as open course for students who are majored in other subjects but are interested in learning chemistry.

Major Programmes

- As part of the Science Promoting programme for high school students, conducted by Govt. Of Kerala (Higher secondary Education) TKM College hosted the programm Sasthrajaalakam and Dept of Chemistry participated in the event by providing resource person and laboratory hands on experimental sessions
- Dr B Harikumar & Dr Chitra Gopinath were the resource persons from this Department.
- Conducted another Science promoting programme SASTHRA PADHAM in which Dr. Chitra Gopinath & Dr Simimole H. were Resource persons from the department

Science Day celebration was supported by the Department.

- Dr.Deepa Janardhanan (Central University, Kasargodu) delivered a lecture on Computational Chemistry.
- Achievements by teachers and students (Rank, PhD, Sports, Arts etc. including participation in University level Youth Festival)

Achievements of Faculties

Dr. S. Anas

- International Journal Reviewer of Environmental Science and Pollution Research (Springer), Journal of Physics and Chemistry of Solids (Elsevier).
- Presented a poster in the International Conference on Frontiers in Materials from Basic Science to Real-time Applications (F2DM-2019) organized by CNMS- JAIN University, Bengaluru, India during 13th & 16th March 2019.
- Presented a poster in the National Seminar on Nanoscience and Nanotechnology (NANO 2019) organized by Post Graduate and Research Department of Chemistry, Bishop Moore College, Mavelikara during 12th - 14th February 2019 (Best Poster Award).
- Presented a poster in the National Seminar on 'Recent Research and Developments in Chemistry, organized by the Department of Chemistry, BJM Govt.College, Chavara, during 30th - 31st October 2018.
- Principal Investigator of the KSCSTE Student Project- Awarded to the M.Sc. Chemistry Student, Fathima Yusra S, 2018-2019.

Dr. Sumalekshmy S.

- Resource Person- SASTHRAPADHAM organised by Samagra Shiksha,Kerala in collaboration with Directorate of Collegiate Education & Department of Higher secondary Education ,Kerala, Held at T.K.M College of Arts & Science, from 19-01-2019 to 21-01-19
- Participated in the DST-FIST presentation meet organized by S.D College of , Alapuzha on 27th October 2018.
- Judge in Oral session-" Neoteric advances in chemical Science " organized by Dept of chemistry, Universty of Kerala during 12th October 2018
- Participated in a wokshop in state level organised by Academy of Chemistry Teachers, Kerala University on 19-05-2018

Dr.Chithra Gopinath

- Resource Person-SASTHRAPADHAM organised by Samagra Shiksha,Kerala in collaboration with Directorate of Collegiate Education & Department of Higher secondary Education ,Kerala,Held at T.K.M College of Arts & Science, from 19-01-2019 to 21-01-19
- Resource Person - SASTRAJALAKAM assosciated with Talent Hunt at T.K.M College of Arts & Science, on 27-10-2018

Dr. M. A. Siyad

- Attended a national workshop on Introduction to GAMESS- A practical Approach conducted

by Department of Chemistry, University College, Thiruvananthapuram from 21st to 23rd 2018.

Ms. Sherifa Rahim

- Presented a paper in National Seminar on "Neoteric advances in Chemical Science": organized by Dept of chemistry, Universty of Kerala on 11th October 2018
- Participated in a wokshop in state level organised by Academy of Chemistry Teachers,Kerala University on 19-05-2018.

Dr. Tharun A. Rauf

- Section Chair- Chaired the session at the National Seminar on "Frontline Approaches in Material Science and Computational Chemistry[MATCOM-2018] jointly organized by Research and PG department of chemistry, SN College for Women, Kollam and KSCSTE
- Honoured with Lieutenant position on completion of PRCN course from Officer Training Academy, Kamptee, Nagpur

Dr. Simimole H.

- Resource Person - SASTHRAPADHAM organised by Samagra Shiksha,Kerala in collaboration with Directorate of Collegiate Education & Department of Higher secondary Education ,Kerala,Held at T.K.M College of Arts & Science, from 19-01-2019 to 21-01-19
- Resource Person - SASTRAJALAKAM assosciated with Talent Hunt at T.K.M College of Arts & Science, on 27-10-2018
- Participated in a wokshop in state level organised by Academy of Chemistry Teachers,Kerala University on 19-05-2018.

Students' Acheivements

- Fathima N. M.Sc Chemistry won the Third Rank in the University Examination
- Swathy U. S of M.Sc Chemistry qualified the NET.

Research Activities

Sl.No.	Name of the guides	University
1	Dr. B. Harikumar	Kerala
2.	Dr. Sumalekshmy S.	Kerala
3.	Dr. S. Anas	Kerala
4	Dr. Abdul Rahim M.K.	Kerala

Research Scholars

1. BIJI. M. - Researcher ID- 15991 (Dr. Anas S.)
2. REKHA CHANDRAN. P. R. - Researcher ID-16080 (Dr. Anas S.)
3. Lekshmi C L (Dr Sumalekshmy S)
4. Sherifa Rahim (Dr Sumalekshmy S)

Publications

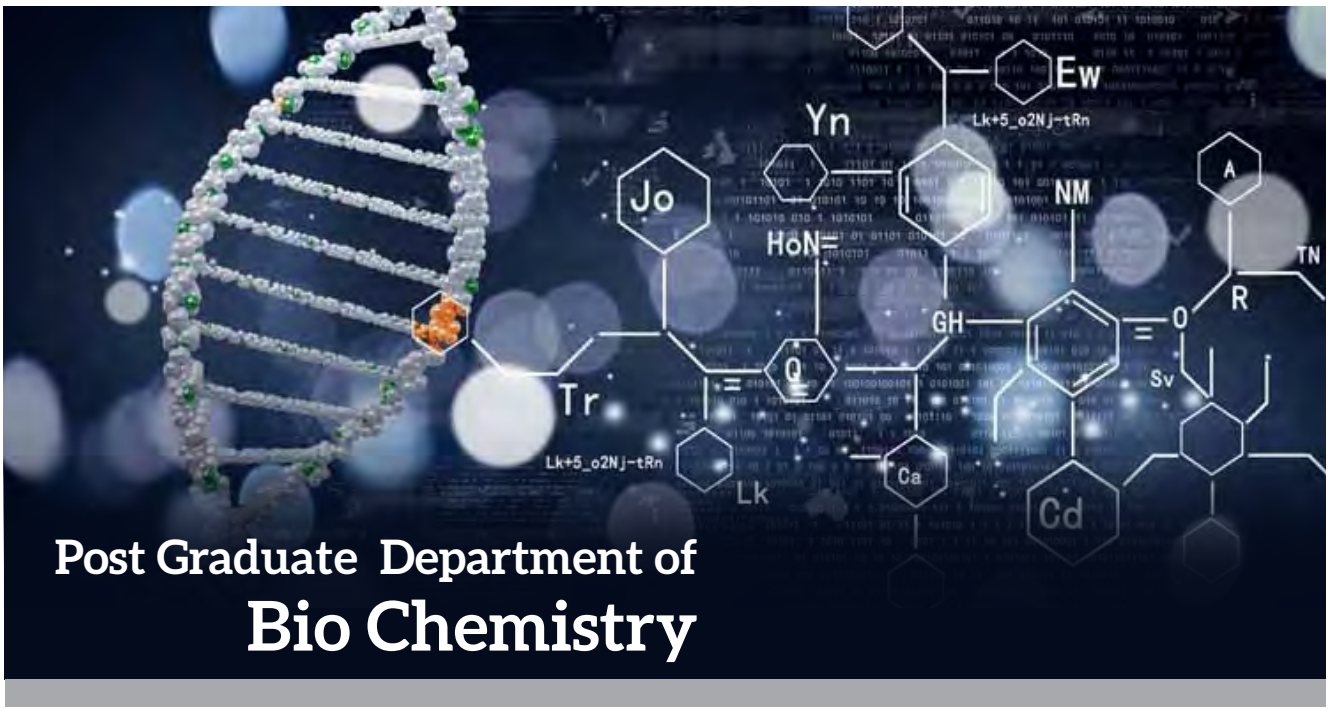
S.Anas, P.V.Nair, K.V.Mahesh, V.Linsha, A.Shuhailath, A. P. Mohamed, K. G. K. Warrier, S. Ananthakumar, "Engineered Hetero Structured Arrays of ZnO NanoX (X=discs, rods and wires) and CdTe Quantum Dots for Advanced Electron Transport Applications", Materials and Design 141 (2018) 267-275.

Consultancy Services

The major research instrumentation facilities of our research centre, like UV-VIS-NIR spectrophotometer, FTIR Spectrometer, were extended to the internal and external student's communities, scholars and faculties, for the research consultancy, extension and outreach programmes. It mainly aims for nurturing potential collaboration among educational institutions, research centres, R&D labs and industries. Records of the stakeholders are maintained in the department through official registry entry.

Result Analysis

	No of Students appeared	No of students passed	Percentage
U G	18	32	56
P G	11	10	91



Post Graduate Department of Bio Chemistry

About the Department

The Department of Biochemistry was established in 2001, and got upgraded to a Post graduate department by 2013. The department has good infrastructure and superior laboratory equipments. It has been consistently producing rank holders in the university examinations.

Achievements of Faculty Members

Soumya S.

- Attended a workshop on "Laboratory Animal Handling" on 25-27 September 2018 at Department of Biochemistry, kariavattom Campus.

Positions Held

- Head of the Department
- Faculty Advisor II Year M.Sc
- Debate Club Co-ordinator
- Chairman – IInd and IVth semester M.Sc Biochemistry, Kerala University
- Co-ordinator of Talk organized by Dept. of Biochemistry

Ajinza A.

- Attended FDP at T.K.M. college of Arts and Science from January 4-6.

Positions Held

- Faculty Adviser IInd year B.Sc
- Chairman – Ist and IIIrd semester M.Sc Biochemistry, Kerala University
- WWS internal mentor
- SSP Mentor

Dr.Latha B.

- Presented a paper in Kerala science Congress held during 2nd and 3rd February 2019 at Fathima Mata National College, Kollam

Positions Held

- Faculty Adviser Ist year M.Sc
- NSS Programme Officer

Dr.Ansil P.N.

- Attended one day workshop on 'New Methodology of NAAC Accreditation' on 21st July St. Thomas College , Palai.

Positions Held

- Faculty Advisor I Year B.Sc
- IQAC member of TKMCAS

Sumayya A.S. (Guest Faculty)

Position Held

- Faculty Advisor II Year B.Sc

Shibi A. (Guest Faculty)

Position Held

- Convenor of Quiz programme organized by Dept. of Biochemistry

Programme conducted by the Department

- Conducted an interdepartmental quiz competition as part of World cancer day observance on 8th February 2019.

Clips of the event

Best Practice

Determination of blood group of students and staff is the Best Practice of the department.

Students engaged in blood grouping

Achievements of Students

Following students secured University ranks in the report period

- Athira P. Kumar, I Rank, M.Sc Biochemistry
- Salma Sulfi, II Rank , MSc Biochemistry

Cultural activities

- Megha Kennedy(S4 B.Sc Biochemistry) won third prize in poetry writing competition in college Arts festival
- Shifana (S6 B.Sc Biochemistry) won first prize in poetry writing competition in college Arts festival
- Our Department team won first prize in Mime competition in college Arts festival .
- Farzana (S2 B.Sc) won third prize in Mappilappattu competition
- Nasrin N. and team won third prize in Oppana competition in Kerala University Youth Festival .

Sports

- Vishnu (S2 B.Sc) won first prize in 800m and 1200m race in college level sports fest.

About the Department

The department was established in 1965. The first degree course introduced in the college was Botany back in 1977.

Today , the department is a full –fledged one. The botanical garden, (the insitu conserved biodiversity area) is the pride of the department, is home to many rare plant species.

The flora of the entire campus has been surveyed and identified jointly by the staff and students of the department. The flora of adventure park Kollam is surveyed by the students and staff , identified and listed out.

Faculty Profile

Dr. Boby T.Edwin ,M. Sc ,Ph.D
Assistant Professor

Dr. M.J. Sheeba M.Sc,B.Ed,M.Phil,Ph.D
Assistant Professor

Ms.Jisha M.S, M.Sc
Assistant Professor

Ms.Nayana Vayalil
Assistant Professor (Ad Hoc)

Position Held by Faculties

Dr. Boby T.Edwin - HOD, Research guide, Co-ordinator of Nature club, CLMC co-ordinator

Dr. M.J. Sheeba - Extension activity co-ordinator, IQAC criterion chief, SSP co-ordinator, Final year faculty advisor.

Ms .Jisha M.S - First year Faculty advisor, WWS internal mentor, SSP resource person. IQAC sub-committee member.

Ms.Nayana Vayalil - Second year faculty advisor

Publications

- Green Synthesis of Silver Nanoparticles using Gleichenia dichotoma H Dhanya, Reshmi P, and Boby T Edwin Trends in Bioscience (2018) 11 (7) 1632-1638
- Non Toxic Biopolymeric Network for Futre Bone Tissue Engineering. Jissy Joseph, Arun A Rauf and Boby T Edwin Trends in Bioscience (2018) 11 (7) 1108-1113
- Anthocyanin A Potential natural food colourant from Iipomoea batatas (L) LAM genotypes M J Sheeba, P Kamalam, and B Vijayavalli Trends in Bioscience (2018) 11 (7) 0974-8431

Invited Talk

- Beat Plastic Pollution on 5/6/2018 at S N College Punnalur (Dr Boby T Edwin)

- Biodiversity for future on 11/2/2019 at DB College Sasthamkotta (Dr Boby T Edwin)

- Student participation in various programmes organised by other institutions

Achievements of Students

- Shibina S. of S IV botany was a member of First Prize winning team of Oppana event of Kerala University Youth Festival

Mushroom Cultivation Training programme for Botany students and students of Nature Club

Faculty Profile

Dr.Jasin Rahman. V.K.,
Assistant Professor and Head

Rohini Krishna. M.V.,
Assistant Professor

Aseeb A.K.,
Assistant Professor

Positions Held

Dr.Jasin Rahman. V.K.

- Faculty advisor of first year (2018-21) B.Sc students
- Member of IQAC and Discipline Committee
- Department coordinator of NAAC

Rohini Krishna. M.V.

- Faculty advisor of third year (2016-19) B.Sc students
- SSP resource person for 2018-21 batch B.Sc Zoology and Botany students
- WWS internal mentor of 2018-21 batch B.ScZoology and Botany students
- Faculty in charge of Department library
- Department coordinator of Yellow house

Aseeb A.K.

- Faculty advisor ofsecond year (2017-20) B.Sc students
- Member of Discipline Committee
- Coordinator ofHealth Club

Research Project

Dr.Jasin Rahman. V.K submitted Final Technical Report of UGC- Minor Research Project entitled 'Biodiversity Conservation in Agroecosystems-Practice and Execution' (2016-18).

Achievements of Students

- All staff and some S3 students prepared posters on 'Plastic-Threats and Challenges to Earth' and presented at 'World Environment Day Celebrations 2018' at S.N. College, Kollam on 05 June 2018 and secured first prize.
- Silpa. A.R and ArshaAjith. A.K won first prize in the interdepartmental quiz competition held on 31 January in connection with the World Wetland Day Observance organized by the department.

Achievement of the Department

Department bagged first place (for the second

consecutive year) in Annual Sports Day and as a member department of the Yellow house bagged overall championship in Arts and Sports meet 2018-19.

Faculty Achievements

- Dr.Jasin Rahman. V.K attended National Workshop on 'The Applications of Statistical Methods in Bioscience Research' organized by the Department of Zoology, Kannur University, Mananthavady Campus under the sponsorship of Kannur University on 6th and 7th April, 2018.
- Dr.Jasin Rahman. V.K, Rohini Krishna. M.V and Aseeb. A.K attended Lecture Workshop on 'Foundation Lectures in Biology' organised by the Department of Zoology, St. Gregorios College, Kottarakara under the sponsorship of Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad on 16th and 17th August, 2018.
- Rohini Krishna. M.V attended International Seminar cum Workshop on 'Diagnostic Cytogenetics' organized by Department of Zoology, Govt. College for Women, Thiruvananthapuram under the sponsorship of Department of Collegiate Education, Govt. of Kerala on 4th and 5th September, 2018.
- Rohini Krishna. M.V attended induction class for WWS Internal mentors on 25th September.
- All faculties attended International Women's Day celebration, 2019 conducted on 14 March at the college.

Publications

- Rohini Krishna. M.V., Anil. M.K., Gomathi. P., Raheem. P.K., Pushparajan. N.R (2018) Studies on the broodstock production and larval rearing of Coral demoiselle Neopomacentrusnemurus(Bleeker 1857). Aquaculture Research, DOI: 10.1111/are.13898
- Rohini Krishna. M.V., Anil. M.K., Neethuraj. P (2018) Larval Development and Growth of Red Saddleback Anemone Fish Amphiprionephippium (Bloch 1790) under Captive Conditions. Indian Journal of Geo Marine Sciences, 47 (12): 2421-2428

Major Events

- World Wetland day, 2019 was observed on 05.02.2019 in collaboration with KSCSTE.
- A field trip was conducted with third year B.Sc students to nearby wetlands viz., Kandachira, Kottarakkara, Karikkakam and Vayakkal. Programme coordinator
- Dr.Jasin Rahman. V.K and resource person, Dr. Jean Jose. J, Assistant Professor, St. Gregorios College, Kottarakkara lead the field trip and record of fauna. An interdepartmental quiz competition was also organized on 31 January in connection with the programme.
- Dr.Jasin Rahman. V.K and Rohini Krishna. M.V accompanied S6 students on study tour to 1) Kerala Forest Research Institute (KFRI), Peechi, 2)Pilikula Biological Park, Mangalore, 3)Malpe beech & St. Mary's island, Udupi and 4) Belur and Coorg from 16to 19January.
- Department arranged an attractive exhibition for 'Shasthrapatham' programme of Kerala Govt. on 10 January and gave students visited hands on training on laboratory experiments.

* * *

Postgraduate Department of Commerce

About the Department

Department of Commerce established in the year 1965 has been one of the departments established at the inception of the college.

The department had the privilege to start offering B.Com Degree in Finance and Taxation in the year 1979, and was one of the first departments to start postraduate programme of M. Com Degre in 1981.

In the year 2014, the department had become the first ever department in the college offering two undergraduate programmes which had been accomplished by the commencement of B.Com Computer Application, besides the existing UG Programme offered since 1979, that is, B.Com Finance.

Current Strength of Ug and Pg Students

Course	UG /PG Strength
B Com Finance	198
B Com Computer Application	166
M Com	51
Total Strength	415

Faculty Profile and Achievements

Ruksana Sulthana A. H. M.Com.,

Assistant Professor

- Head of the Department
- Broad Area of Specialization : Finance, e-Commerce
- Member of Fostering Linkages in Academic and Research (FLAIR) programme since 2013.
- Convener of Extension Activity: Women's Studies Unit,
- Board of Director of Co-operative Credit Society,T.K.M.C.A.S
- Member of Discipline Committee.
- Subjects handled:

  E-Business and Cyber Laws

  Research Methodology

  Auditing, Business Statistics Banking Theory and Practices, Company Administration

Research

Broad area of interest is e-commerce, specifically in consumer behaviour through online, digital marketing.

Shiny Salam. M.Com., M.B.A.

- Assistant Professor
- Convenor of extension activity: Planning Forum Club
- Member of Indian Accounting Association
- Member of Fostering Linkages in Academic and Research (FLAIR) programme since 2013.

Research

Working on the topics:

- "Prospects of Forest Tourism with special reference to Konni- Achencovil landscape"- research area.
- "Corporate Social Responsibility practices ofPublic Limited Companies of Kerala"- Minor research project.

Participations in Seminars and Conferences

- Participated as Resource person in a Training programme to the SC/ST COMMUNITIES BELONGING TO TRIBAL AREAS, dated 25th September 2018 organised by Dept of Commerce, UTY of Kerala,Kariavattom.
- Participated and presented paper titled "The level of satisfaction and the problems faced by visitors of Konni, Eco Tourism, in three day National seminar on 'Changing paradigms in Tourism Industry of Kerala on November 7th , 8th and 9th,2018.

Workshops and Faculty Development Programmes

- Participated in a workshop on Research Methodology dated 24th and 25thof July 2018 organised Kerala University Research Dept.
- Participated in three day workshop on 'Time Series Analysis Basics of Behavioural Finance' conducted by PG Department of Commerce, BJM Govt. College Chavara, on 28th,29th and 30th November,2018
- Participated in the cluster workshop for Internal Mentors of Walk with the Scholar programme on 16th October 2018.

Dr. Shehnaz. S.R. M Com, B Ed, Ph.D

- Assistant Professor
- Convener of Extension Activity: Entrepreneurship Development Club
- Member of Research Committee of the college
- Member of Editorial Committee of College Research Journal

Research Guide

Area of Specialization:

Finance, Microenterprises, MSME Sector, Women Entrepreneurship

Participations in Seminars, Workshops and Faculty Development Programmes

- Participated in "Young Entrepreneurship Conclave" organized by entrepreneurship development cell, University of Keralaon 31-07-2018 at Senate Chamber, University of Kerala.
- Participated in the "faculty Development Programme" organized by IQAC, T.K.M College of Arts & Science, Kollam in association with IIT, Teaching Learning Centre, Chennai on 3rd , 4th and 5th January 2019.
- Participated in the University sponsored short-term course in Business Mathematics & E-business (faculty Development Programme) conducted by UGC-Human Resource Development Centre, University of Kerala, Kariavattom from 15-01-2019 to 17-01-2019.

Thanseena Bai. R., M Com, B Ed.

- Assistant professor
  - Convener of Extension Activity Human Right Forum
  - Faculty Advisor B com Finance 2017
  - Supporting Teacher, SSP
  - Area of specialization in Finance and Management

Subjects handled

- Functionalapplication of management
  - Business communication and management
  - Entrepreneurship development programme
    - Business statistics,
    - Cost accounting,

      Applied costing at UG level
- Cost and management accounting
- Interpretation statements and financial reporting at PG level

Research

Doing Ph.D in Commerce in Kerala University on the topic Impact of powershortage on the functioning of industries In Kerala.

Participations in Seminars and Conferences

- Has participated on Two Day National Conference on 'Energy and Environment' and presented a paper on Topic "Power Shortage for Industrial Sector in Kerala and their Problems", organized by Department of Commerce, SreeAyyappa College Eramallikkara, Chengannur dated 15th and 16th of February 2019.

Firoskhan A. M Com, M Phil

- Assistant Professor
- Progamme Officer, National Service Scheme (4 Years)
- Member, Discipline Committee
- Member, Library Development Council
- Member, Ethics Committee
- Secretary, Credit Cooperative Society
- Secretary, Consumer Cooperative Society
- Treasurer, Alumni Association
- Faculty Advisor, B.Com (Finance), S6

Area of specialisation

- Direct Tax Laws and Practice, Accounting and Finance

Research

- Doing Research on Financial Inclusion among Migrant Construction Workers in Kerala as a part time researcher in University of Kerala

Achievements

- Submitted U.G.C. Minor Research on Social Responsibilities of Business among Information Technology Business Units.

Maheen M., M. Com, Ca (Inter/Pcc/Ipcc)

- Assistant Professor
- Broad area of specialisation: Accounting and Finance

Research:

- Specially interested in the performance of financial market institutions and its impact on the Macro economic variables, Asset Pricing, International Financial Reporting and its convergence, Volatility of market, Financial modelling, International taxation.

Achievements

- Under going UGC Minor Research Project on the topic "Tracking Error Performance – a Robust Method for Active Management of Indian Mutual Funds
- Member of the Fostering Linkages in Academic and Research (FLAIR) programme.

Sulfiya Samad. M Com, B Ed.

- Assistant Professor
- Faculty Advisor B com Finance 2016

- Area of Specification: Planning and Development and MSME Sector
- Subjects handled: Methodology And Perspectives of Business Education
  - Financial Accounting, Advanced Accounting,
  - Corporate Accounting at UG level.
  - Planning and Development Administration,
  - Corporate Governance andBusiness Ethics at PG level.

Achievements

- Got third prize in Essay Writing Competition conducted by Government of Kerala on "Role of Coir Industry in the development of rural economy" as part of Coir Kerala.

Research

- Doing Ph. D in Commerce under Mahatma Gandhi University and almost reached pre-submission stage.

Jeena R., M Com, B Ed.

- Assistant Professor
- Broad areas of specialisation: - Business Management, Banking and Finance.

Research

- Area of interest is Banking and Finance in general and Financial Inclusion in particular. Thrust areas are Inclusive Banking and Financial Literacy.

Seminar, Workshops and Conference

- Participated in one day Cluster workshop of Scholar Support Programme of Kollam District on 17th December 2018,at BJM Govt. College Chavara.

Student Performance Evaluation

- The percentage of pass of M Com Degree (2017-18) was 80% with 80% securing 'first Class'.AminaSalim scored 8th Position in University Rank Position.

Achievements of Students in Competitive Examinations

- DivyaMol ofMCom,Batch(2015-17) has qualified the National EligibilityTest (NET) in June 2018.

Participation of Students in Competitions

- MuhammedThoufiq of BCom, Batch (2017-20) has participated The University of Kerala in the South Zone and Inter University Badminton Tournament held at Guntur KL University.
- Anandhu of MCom Batch (2017-20) has Participated and won in the Inter-State Chess Championship.
- Nithin M and Fathima of MCom (2017-20 & 2018-21) have participated in Hedge Training Programme and got selected for participating in YUVA meet held at Ernakulam.
- Five students got selected (Gokul G, Sona John, Parvathy ,Rameez and Visak) for the Final round of IIM i5 Summit B Plan Competition, at IIM Indore Madhya Pradesh.

Faculty members in Other programmes

- WWS- Internal Mentors: Shiny Salam and Firozkhan A.
- SSP- Jeena.R

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Department of Islamic History

About the Department

Department of Islamic History in T. K. M College of Arts and Science was established in 1980-81 academic year. The department offers B.A Islamic History Degree Programme under choice based credits and semester system (CBCSS) with a maximum intake of 60 students. The department presently has positions of two permanent faculties and three guest faculties.

Faculty Profile

1. **Prof. Shajitha S. M.A, B.Ed, M.Phil**
   Assistant Professor and Head
2. **Dr. Finser K. Muhammed M.A, B.Ed, Ph.D, UGC-NET**
   Assistant Professor
3. **Mr. Thanveer T. M.A, UGC-NET/JRF**
   Guest Lecturer in Islamic History
4. **Ms. Divya S. M.A, UGC-NET**
   Guest Lecturer in Indian History

Major Events

- **Commemorative Talk and Debate Competition**

On 8th February 2019 the department organised a commemorative talk on "Status of Women in Islam: Commemorating M. HaleemaBeevi" with regard to the observance '100th Birth Anniversary' of Smt. M. HaleemaBeevi (1918-2000). The talk was handled by Prof. Shajitha S, Dr. Finser K. Muhammad and Mr.Thanveer T, faculties of the department. Further the talk was followed by a debate competition on "Can the Empowerment of the Muslim Community be done through the Mainstream Representation of Women?"The entire students of the department were split up into four groups and all the groups actively participated in the discussion. The teams used various skills like overstatement, definition, rhetoric, irony etc. to convince the audience. The participants, armed with statistics and data validated and made their arguments more emphatic with right facial expressions, body movements and gestures. Shahana S. and SahadS.M. (team B) obtained first prize and Muhsina. M was selected as the best debater.

- **Sargavedi**

'Sargavedi' is one of the blossoming initiatives of the first B.A Islamic History studentsto foster the extra-curricular activities of the students. During the academic year two programmes were conducted by the 'Sargavedi'. The first programme which was held on 20th February 2019 was consists of different kind of activities, including songs, speeches, quiz programme etc. and the second programme, held on 27th February 2019, was an open discussion with regard to the observance of the 71stMartyrs' Day of the father of the Nation Mahatma Gandhi. The topic of the open forum was "Mahatma Gandhi: Ideology and Legacy".

- **Table Talk**

The department of Islamic History conducted various Class Room Table Talks consists an engaging discussion on the contemporary issues, social matters and even on creative suggestions on different themes. The programmes were held at Final Year class room, and were organised as bi-monthly.

- **Interactive Session with Great Alumni**

Islamic History Alumni Association "ISHAA" Association of former students has a key role in the development of any academic institution. In order to utilise the fruitful contributions of the former students an interactive session was conducted in this academic year by Prof. Ashraf Kadakkal, Department of Islamic History, University of Kerala.

- **IT Skills and Presentation Skills**

In order to enabling students for attaining practical knowledge of informatics, usage of internet, online references or library books etc. A project pre-submission viva for degree final year students was conducted in the department on 18th March 2019. In the session the students presented their research projects with the help of electronic media.

Academic Achievements

Prof. Shajitha S.

- Appointed as Principal-in-Charge, of T.K.M College of Arts and Science, on 1st July 2019.
- Convener of the "Easria – 2019" Lecture Series conducted by Department of Islamic History on November 2, 2017.
- Prof. Shajitha S. received award for Best NSS Unit and Best Programme Officer for the year 2017-18, from University of Kerala.

Dr. Finser K. Muhammed

- Participated in Five Days Workshop on PG Syllabus Restructuring of Mahatma Gandhi University Islamic History Syllabus held at Maharaja's College, Ernakulam, on 10th to 16th January 2019.
- External Valuator for II Semester UG Examination, March 2019 answers papers on 3rd to 4th April 2019.
- Presented a Paper in three day international conference on "Text and Performance Making" organized by University of Calicut, School of Drama & Fine Arts, Trissur on 3-5 January 2019.
- Attended one day cluster workshop for internal Mentors of Scholar Support Programme 2018, held on 17th December 2018.

Thanveer T.

- Submitted Ph.D. thesis inJamiaHamdard, New Delhi, on 6th November 2018.

Fathima S.

- Presented a Paper in two day national seminar on "Water Resource Management and Sustainable Development" organized by Department of Economics, University of Kerala, on 6-8 February 2019.
- Presented a Paper in one day state conference of Kerala Economic Association IVthAnnual Conference, on 30th September 2018.

Positions held

Prof. Shajitha S.

- Principal-in-Charge
- Head of the Department
- Hostel warden (Deputy Chief Warden)
- Coordinator, Kerala State Resource Centre
- Coordinator, Centre for Gandhian Studies.

Dr. Finser K.Muhammed

- Coordinator, Unnat Bharat Abhiyan (UBA)
- SSP Internal Mentor
- Member ,IQAC.
- Faculty Advisor, Blue House (Departments of Physics and Islamic History).
- Faculty Advisor, 3rd and 4thSemester.

Mr. Thanveer T.

- Faculty Advisor, 1st and 2ndSemester.

Awards, Honours and Scholarships

- Shahanaof III B.A. won the second prize in essay writing competition on behalf of Communal Harmony Campaign and Flag DayCelebration.
- Shehin S. of II BA won the first prize in debate competition organized by Asian School of Business, Kazhakootam.
- Shehin S. of II B.A. won first prize in debate competition in College Arts festival organized by TKM College of Arts and Science.

* * *

Department of Physical Education

With the concept of "SPORTS FOR ALL" the department of Physical Education organized healthy and immense competitions in many Sports events during the academic year 2018-19. The competitions consisted of games like Cricket, Football, Volleyball, Basketball, Badminton, Kabaddi, Table Tennis and Throw Ball. The events had been conducted during January and February 2019.

The much awaited 'Annual Sports Day' was held on 28.02.2019 at TKM college ground. The College Principal, S.Shajitha, formally inaugurated the event. She emphasised the importance of sports in one's life while addressing the gathering.

After the selection of different sports teams, special coaching camps were organized to train students for Inter-Collegiate Competitions and District Level Tournaments.

Observance of National Sports Day

National Sports Day was celebrated fittingly on 29thAugust 2018 by organizing a special talk on Sporty Lifestyle. Dr. Roy Thomas, Associate Professor, Govt. College of Physical Education, Calicut was the Chief guest of the function. basis.

Achievements

- **Abhijit Sharma** - represented Kerala University team in the Inter- University Chess Championship

Sl. No.	Name	Competition	Position	Event
1	Muhammed Asif N	Kollam District Athletic Championship	III	400 M.H
			II	110M.H.
2	Muhammed Asif N	Reliance Foundation Youth Sports Meet	III	800 M.
			III	400 M
3	Anandhu	Kerala Inter-State Championship	I	Chess
4	AbhijithSharama	Kerala University Inter Collegiate	I	Chess
5	Unnikrishnan S			
6	Akhilesh P			

Photos of Various Events and Winners

College Library

About the Library

TKM College of Arts and Science has a comprehensive library. The library has computerized its operations and services using an Integrated Library Management Software (ILMS). The Online Public Access Catalogue (OPAC) and Mobile Public Access Catalogue (MoPAC) enable the users to search books and other materials by author, title, subject, publisher, keyword, call number and accession number from anywhere in the campus. The library houses more than 33000 volumes covering various subjects in English, Hindi, Arabic and Malayalam. The library subscribes to more than 100 printed periodicals including research journals and magazines.

The library has a state of the art digital collection with high speed internet connectivity. This would ensure seamless access to up-to-minute information, which is crucial in this 'information age'. The digital library provides access to more than 6000 online journals and 31 lakh e-books through UGC N-LIST and to thousands of Open Access Journals and databases.

In addition to the conventional services like lending, reprography and reference services, the library has introduced many value added services such as Career Support, Inter Library Loan, Online Information Delivery, E-Mail alert and online renewal system.

Library Staff

Name	Designation
Dr. Mohamed Musthafa. K	UGC Librarian

USERS (Members) of the Library

Figure 1 shows the category-wise list of library members in 2018-19. 78.54 percent (n=736) of the total members are undergraduate students and PG students are 11.63 percent (n=109).

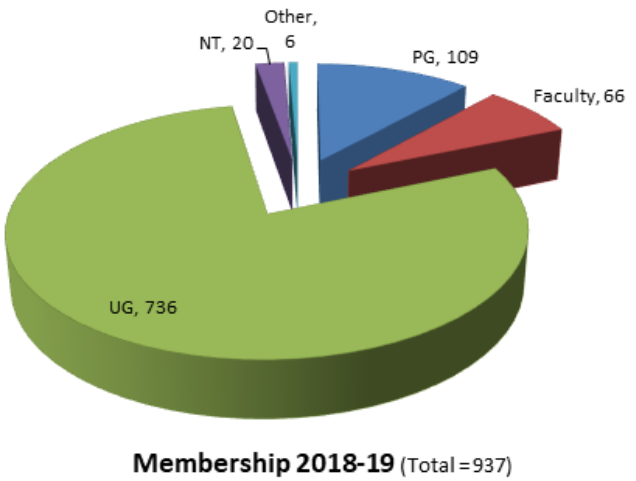


Figure 1: Library Members

Growth of Library Membership

Compared to previous years, membership of Under Graduate students has been increased (Figure 2). It was only 105 students enrolled in library in the previous year, it increased to 937 in this year. The growth in the membership was due to the orientation programs conducted by the library at the beginning of the session. But there are many other students who are not enrolling in the library and this issue may be addressed in future.

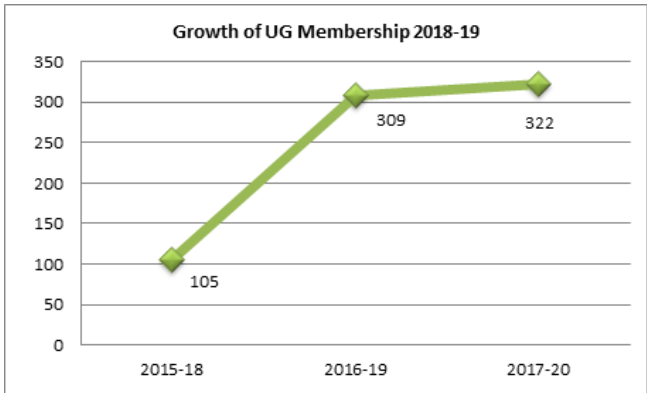


Figure 2: Growth of UG Membership

Department Wise Membership Pattern

The department wise analysis of membership of UG students admitted in 2018 shows (Figure 3) that the department of mathematics (n=47) is the highest followed by BCOM Computer Application (N=39) and English (n=38). The data indicates a need of repeated orientation for the graduate students in library and information use.

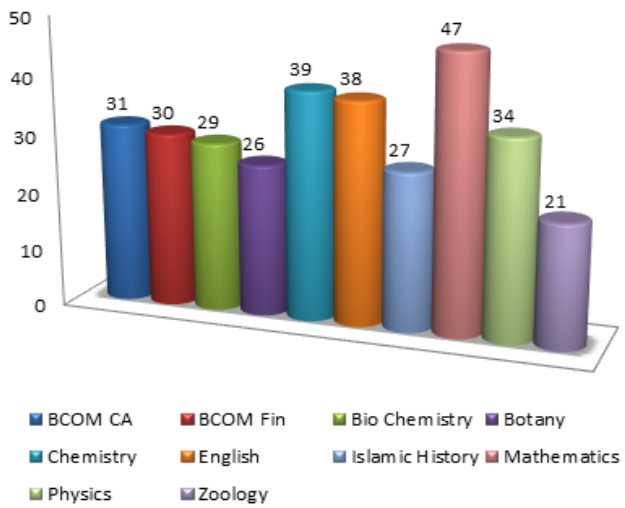


Figure 3: Department wise membership

Library Resources

The college library holds 33257 books on various subjects in different languages. This include prescribed text books, subject books, reference books, self-help and motivational books, books for civil service and other competition examinations and for general reading. The library subscript to 106 printed periodicals including 56 Research Journals. Table 1 shows total collections of the library. In addition to the printed books and periodicals, the library provide access to 31 lakhs of electronic books and 6000+ e-journals through UGC N-LIST and 2000+ open access journals. The library maintains 110 CD/ DVD in digital library and 400 project reports.

Table 1: Library collection

Resources	Numbers
Total volume of books	33257
Printed Text book	31707
Reference book	1550
e-Book	31 lakh (N-LIST)
Print Periodical	106
e-Journals	6000+ (N-LIST)
Digital Database	Nil
CD & DVD	110
Others Reports	400

Library Services

- Book Lending
- Reference
- Interlibrary loan
- Online Renewal
- Reprography
- Online document delivery
- News archives
- Mobile Public Access Catalogue (MoPAC)

- Current Awareness Service via Blog, Whatsapp, E-mail and Notice Board
- Career Support
- Article indexing

Library Use

The following figure (Fig. 4) shows the use of library by the students during the academic year 2018-19. A total number of 13,787 students used college library during the report period. The highest number of visitors was in the month of July. A comparison of the use of library in the same months in previous years shows in figure 5. It indicates the gradual growth of the use of library resources and services by the academic community.

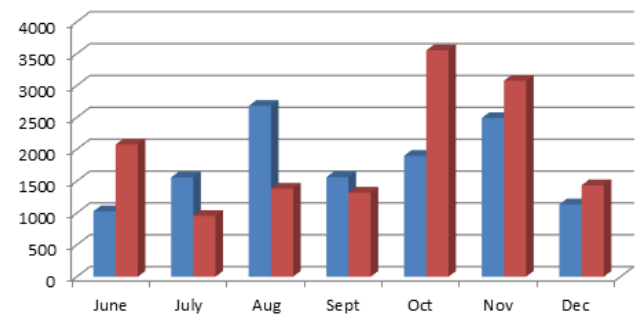


Figure 5 : Use of library by the students in 2018-19

Book Lending

During the last one year 4986 books have been issued to the users. The monthly analysis of the book lending shows (Fig. 6) that in the month of October, 1240 books have been issued followed by November, i.e. 1015 books.

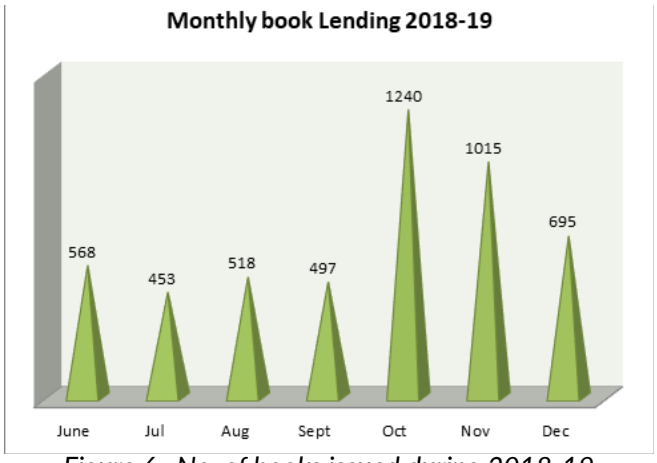


Figure 6 : No. of books issued during 2018-19

Table 3 indicates the category wise book circulation. Post Graduate students are taking more books from the library than any other user group. PG Students have taken 2265 books in last six months followed by UG students i.e, 2241 books. Faculty members have taken only 412 books.

Table 3 : Category –wise book circulation

	PG*	UG	TS	RS & CS	NT
June	270	237	57	3	1
Jul	289	85	67	10	2
Aug	136	284	72	19	7
Sept	177	272	44	4	--
Oct	513	641	76	10	--
Nov	434	541	33	7	--
Dec	446	181	63	3	2
	2265	2241	412	56	12
				Total	**4986**

*PG: Post Graduates, UG: Under Graduates, TS: Teaching Staff, RS: Research Scholar, CS: Civil Service, NT: Non-Teaching Staff

Online Document Delivery

During the report period, 80 research papers and 10 PhD Theses have been delivered over E-mail to faculty members.

Library Automation

The college library is automated with KOHA open source integrated library management software by converting the database from old software BookMagic.

Library Orientation Programmes

The library organised orientation programmes for first year UG students. The program was led by the librarian, and conducted as ten different sessions of one hour duration for each department.

The objectives of the library orientation programmes were to train the students to effectively use the library and to introduce various print and online information sources available in the library.

Information Literacy Programme

Library organized six information literacy programmes for Post Graduate students from different disciples. This program enables the students to use electronic databases and online information tools in their respective subjects effectively. A detailed training on UGC N-LIST is given to each student. The information literacy programme is conducted at the digital lab as hands-on practical workshop.

Achievements

The librarian attended the following professional programmes in the report period.

Dr. Mohamed Musthafa, the librarian presented a paper on "Developing and Raising research profile" in a "workshop on design of course modules for college libraries" at Kerala Agricultural University, Thrissur.

Dr. Mohamed Musthafa attended the "National Conference on Librarianship: Information: Management" organised by Kerala College Librarians' Association at St. Thomas College, Thrissur.

Dr. Mohamed Musthafa attended the "Regional Workshop on 'DELNET Discovery services, Open Source software, Emerging technologies in Knowledge Management, Academic Integrity and Plagiarism and communication skills for LIS professionals" organised by DELNET, New Delhi and Kerala University of Fisheries and Ocean Studies, Kochi.

Dr. Mohamed Musthafa attended the "National Seminar on Quality in Higher Education: The emerging Scenario" organized by IQAC, TKM College of Arts & Science, Kollam.

Dr. Mohamed Musthafa was selected as member of Peer Review committee of DESIDOC Journal of Library & Information Technology (ISSN : 0974-0643), a research journal published by DESIDOC, DRDO, Govt. of India. He reviewed two research articles on different subjects.

Result Analysis 2018-2019

Sl. No	Name of the dept	Class	Percentage of pass	Topper /Rank
1	Mathematics	UG	86	Akhila Henry
		PG	95	Anjali Anil (3rd Rank, Kerala University)
2	Physics	UG	88	PARVATHY ANAND
		PG	80	ARYA P V
3	Chemistry	UG	71	Swathi S Pillai
		PG	93	Keerthi Vijayan (Topper and University Second rank)

4	Biochemistry	UG	88	Haritha Mohan S
		PG	93	**Deepthi J.S** (First rank, M.Sc Biochemistry) **Arya Mohan J** (Second rank, M.Sc Biochemistry **Fousiya A** (Third rank, M. Sc Biochemistry
5	Botany	UG	80	Anila MR
6	Zoology	UG	65	Silpa AR

7	English	UG	85	Sruthy V
		PG	89	Vaishnavi G
8	Islamic History	UG	29	Aseena S
9	Commerce	UG-Finance	90	Chandana Chandran
		PG- Finance	100	Lekshmi VS University 3rd Rank holder
		UG-Computer Application	87	Aparna Subramani

Orientation / Refresher / FDP

NAME	TITLE OF THE COURSE	DEPARTMENT
ADERSH V K	Workshop on Modular Theory of Elliptic Curves and Uniformisation and Characterization of Riemann Surfaces,	Mathematics
AJINZA A	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Biochemistry
APARNA L R	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Physics
ASEEB. A.K	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Zoology
ASWATHY M R	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Mathematics
BOBY T EDWIN	Environmental Sciences	Botany
DR CHITHRA GOPINATH	Human Rights	Chemistry
DR M MOHAMMED SALIM	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Physics
DR P K MANOJ	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Physics
DR RENJITH R	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Physics
DR SHABNA R	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Physics
DR. ABDUL RAHIM	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Chemistry
DR. ANSIL P N	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Biochemistry
DR. FINSER K. MUHAMMED	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Islamic History
DR. HARIKUMAR B.	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Chemistry
DR. JASIN RAHMAN. V.K	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Zoology
DR. LATHA B	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Biochemistry
DR. SIYAD M. A.	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Chemistry
DR. SUMALEKSHMY S.	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Chemistry
DR. SUMITHRA DEVI S.	UGC Sposored Refresher Course (Summer School)	English
DR. THARUN A. RAUF	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Chemistry

DR.M.J.SHEEBA	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Botany
FIROZKHAN A	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Commerce
GAYATRY S.	UGC Sposored Refresher Course	English
HARILAL N. THAZHIKKATTUSERIL	Teacher's Enrichment Workshop on Measure and Integration	Mathematics
JEENA.R	Online Refresher course in Management	Commerce
JISHA M.S	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Botany
LIBY K.S.	UGC Sponsored Refresher Course in Human Rights (Multidisciplinary)	English
MAHEEN M	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Commerce
MUHAMMED ROSHAN B.	Fourth Annual Session and International Congress of Kerala History Congress	English
NARAYANA PRASAD M	Refresher course in environmental science	Mathematics
NISAMUDEEN ASHIQUE P K	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Mathematics
NIYAS S.M.	UGC Sposored Orientation Course	English
NIZA N.	Teacher's Enrichment Workshop on Measure and Integration	Mathematics
RISSANA T. A.	Teacher's Enrichment Workshop on Measure and Integration	Mathematics
ROHINI KRISHNA. M.V	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Zoology
RUKSANA SULTHANA A H	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Commerce
SAFIR TK	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Physics
SHAFANA SHAFFI	UGC Sposored Refresher Course in Women's Studies and Women Empowerment	English
SHEHNAZ SR	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Commerce
SHERIFA RAHIM	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Chemistry
SHINY SALAM	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Commerce
SOUMYA S.	Workshop on laboratory animal handling	Biochemistry
SULFIYA SAMAD	Writing Scholarly Articles	Commerce
THANSEENA BAI R	FDP on Accreditation Indices: Enhancing Quality through Outcome Based Education	Commerce

National Service Scheme (N.S.S.)

There are two NSS units in the College for the academic year 2018-19. The programme officers are Dr. Latha B. and Dr. M. A. Siyad

The unit consists of 200 volunteer students. Hundred students were enrolled from first degree classes. Two Orientation programmes were conducted for the new volunteers. Kottankara grama panchayat ward 1 and ward 2 are selected as adopted village for NSS activities.

An advisory meeting of National Service Scheme held on 05/06/2018 resolved the following regarding NSS programmes:

- The enrollment of the volunteers should be completed at first.
- Applications for the NSS certificate and grace mark to the volunteers should be submitted to the university.
- Thanzeel Nizar, S3 BSc Biochemistry, was selected as the volunteer secretary from male volunteers.
- Amina , S3 English, was selected as the volunteer secretary from female volunteers.
- Dates for orientation programmes fixed
- NSS day celebrations
- Special camp
- Awareness programme on Vector born diseases
- Blood donation camp
- Founders day celebrations

NSS Regular Activities: A Summary

Sl.No	Date	Programme	Resource person/Guest/ organizers	Venue
1	June 5	Port cleaning	Suchitva Mission & Coast Police	Thangassery
2	June 21	Yoga day celebration	Mr. Arun, Yoga trainer	College auditorium
3	July 14	Jack fruit planting	Sri. Hussain, standing Committee chairman, Kottankara Panchayat	College campus
4	August 4	Cleaning	NSS volunteers	College campus
5	August 6	Magic show	Sri. Akshay Awens	College auditorium
6	August 11	Blind federation office cleaning	NSS volunteers	Polayathode, kollam
7	August 15	Independence day celebration	Prof. Shajitha S., Principal, TKMCAS	College campus
8	August 18	Collection of flood relief, Shramadann in connection with Indian Railway	NSS/University of Kerala	Handed over to kollam Collectorate , Girls Higher Secondary School, Peringara P.O., Thiruvalla

9	September 22	Railway station cleaning	Sri. Hussain, standing Committee chairman, Kottankara Panchayat	Kilikolloor, Kollam
9	September 24	Orientation class	Prof. Shajitha S., Former NSS programme officer	Seminar Hall, TKMCAS
10	September 25	Cleanliness awareness through magic show	Sri. Akshay Oven	College auditorium
11	October 1	Elocution competition about Gandhian values	Prof. Shajitha S.	Seminar Hall, TKMCAS
12	October 2	Gandhijayanthi celebration- cleanliness drive	Mrs. Mercy kuttyamma, honourable Minister, fisheries	Asramom, Kollam
13	October 11	Cleanliness drive, Swatchata hi seva closing ceremony	Prof. Shajitha S.	College campus
14	October 20	Orientation programme	Prof. Shajitha S. & prof. Firoz Khan- Former NSS programme officers	Seminar Hall, TKMCAS
15	December 1	Aids day celebration – Rally	Prof. E. Najeem- Former NSS programme officer	From College to the adopted village
16	December 2	Oral cancer day awareness programme and dental check up	Sri. M. Noushad MLA	College auditorium
17	December 11	Awareness class on vector born diseases	Dr. Suresh T, Dstrict Malaria Officer	Seminar Hall, TKMCAS
18	December12	Survey on diseases spread by mosquito	Dr. Suresh T, Dstrict Malaria Officer	Adopted village
19	December 13	KSRTC stand Cleaning	Suchitva mission	Kollam KSRTC stand
20	December 19	Parents meeting of NSS volunteers	NSS	Seminar Hall, TKM
21	December 20	Annual residential camp inauguration	Sri. Satar, Standing committee Chairman, Kollam corporation	TKM Centenary public School
22	December 21	Vector born diseases awareness class Awareness class on “youth cleanliness” Awareness class on Personality development	Dr.SureshT,District Malaria Officer Dr. Geetha, District mass media officer Mr.Rejilan,Chairman, RACE, Kollam	TKM Centenary Public School
23	December 22	Awareness class on “My waste my responsibility.” Campus Cleaning as part of the programme “Green Campus Clean Campus”	Mr. Radhakrishnan,suchitva Mission NSS volunteers	TKM Centenary public School, College campus

24	December 23	Puzha nadatham at Kallada conveying the message "Yuvatha Nadiyodoppam"	N.S.S,University of Kerala	Kadapuzha, Kallada
25	December 24	Rejuvenation of Pandarakulam pond and the Canal Class on "Women empowerment"	N.S.S volunteers Prof. Shajitha S.	Adopted village, Kottankara, TKM Centenary public School
26	December 25	Yoga class Talk on "Traffic Rules" "Self Defence" awreness class	Mr. Kennedy, Yoga trainer Sri. Shanavas, Asst. Sub Inspector of Police, Crime Branch , Kollam Smt. Rejina, Women's Cell, Police Department	TKM Centenary Public School
27	December 26	Annual camp closing Ceremony	Prof. Shajitha S.	TKM Centenary Public School
28	January 17,18, 19	Youth parliament - Screening	Dr. Ambilikumari R. & Prof. Firozkhan	TKMCAS
29	January 24	Youth parliament-District level	Adv. Rajendra Babu, Mayor,Kollam Corporation	TKMCAS
30	January 26	Republic day celebration	Prof. Narayana Prasad	College campus
31	February 9	Cleaning programme	Sri. K.N.Balagopal, former Rajyasabha M.P	Nattuvathukkal, Perinade
32	February 19	Founders day celebrations- -Inter Collegiate competitions (quiz, elocution, essay writing)	Prof.Sunil Kumar, Prof. Sreeja and Dr. Atheesh, SN College, Kollam Mr Pramod Prabhakaran (Civil service trainer)	Seminar Hall, TKMCAS
33	February 21	Flash mob on awareness of malaria	Dr.SureshT, District Malaria Officer	NSS College, Perayam
34	March 8	Blood donation camp	District Hospital, Kollam	College auditorium
35	March 23	Organized Cycle rally – ensuring green protocol for election	Collector, Kollam	Collectrate to SN College junction
36	March 25	Punaloor Balan memorial Talk	Prof. Harshakumar, Sri. Vinodan	Kollam Public Library
37	March 31	Blind federation office cleaning	N.S.S Volunteers	Polayathode, Kollam

Cleaning drive programme at Thangassery port, Kollam on June- 5, 2018

Yoga day celebration on June 21, 2018 at college auditorium

Jack fruit planting on 14-07-2018 at college campus

Campus cleaning on 2018 August 4

Cleanliness campaign through magic show on 2018 August 6

Cleaning drive at Blind Federation office, Polayathode, Kollam

Independence day celebrations

Flood relief material collection at college campus shramadann

Inauguration by Sri. Hussain, Kottankara Panchayat Standing Committee Chairman

Rally to invoke the importance of environmental cleanliness

ORIENTATION PROGRAMME ON 20-1-2018

Orientation class by the Principal of the college Prof. Shajitha S.

Orientation class by Prof. Firozkhan

Group discussion

Aids day observance inauguration by Prof Najeem E.

Oral cancer awareness and dental check up for anganwadi workers inaugurated by Sri M. Noushad MLA

KSRTC DEPOT CLEANING

DISTRICT YOUTH PARLIAMENT COMPETITION FROM 17-01-2019 TO 19-01-2019

T.K.M. College of Arts and Science was selected as Nodal Centre for Kollam District and Walk-in Screening that was held on 17th, 18th and 19th January 2019.

District Youth Parliament Competition-Walk-in Screening

Winners of District Youth Parliament Competition with the Principal and the NSS coordinators

Flag hoisting as part of Republic Day celebration

CLEANING PROGRAMME IN CONNECTION WITH DISTRICT HARITHA KERALA MISSION AT NATTUVATHUKKAL IN PERINADU PANCHAYAT

Sri.KN Balagopal, Ex.MP, inaugurating the cleaning programme at Nattuvathukkal

FOUNDERS DAY CELEBRATION ON 19-02-2019

The quiz competition conducted as part of Founders Day by
Mr. Pramod Prabhakaran (Civil service trainer)

BLOOD DONATION CAMP

A blood donation camp was organized by Women's cell of the college in association with NSS units on 08/03/2019 at College Auditorium.

Volunteers donating blood

NSS Special Camp

A Special camp of the National Service Scheme of the College was conducted at T.K.M. Centenary Public School, Karicode, from 20-12-2018 to 26-12-2018. The highlights of the camp were academic lectures, cultural programmes, social work projects and awareness classes. Academic sessions of the camp were enriched by informative talks by experts.

SOME MOMENTS OF THE SPECIAL CAMP

Mr. MC Rajilan, Chairman, RACE, Kollam talking on "Personality Development"

Mr. Radhakrishnan, Resource person, Suchitva Mission,delivering talk on "My Waste My Responsibility".

Volunteers forming a rally walking to the banks of the river Kadapuzha

Inauguration of pond and canal cleaning at adopted village (Kottankara) by Sri. Hussain, Kottankara Panchayat standing committee chairman

NSS Volunteers engaged in pond cleaning

Yoga class by Mr. Kennedy

Talk by Smt. Rejina, Women's Cell, Police Department on "Self Defence"

Closing ceremony of the Camp- Inauguration by
Smt. Vineetha kumari, President, Kottankara Grama Panchayat

NCC 3 (K) Batalian Girls

Total enrolled strength is 108

Strength of 1st year is 34

Strength of 2nd year is 38

Strength of third year is 36

Ceremonial parades

All the ceremonial parades were regularly and properly conducted by the unit including Republic Day and Independence Day observances.

Principal Prof. S.Shajitha hoisting the flag on Aug 15th 2018

SWATCHTHA HI SEWA CAMPAIGN

Army Wing Girls Unit of the college organized AIDS awareness campaign in the campus and conducted rally from the college to Karicode Junction.

Inauguration of Swatchata Hi Seva Campaigne by Panchayat member Sri. Hussain at Karicode Bus Stop

Cadets cleaning Karicode Junction

SEMINAR ON WASTE MANAGEMENT

A one day seminar was organized under the auspices of suchitwa mission on waste management that made the students more aware of the significance of keeping the environment clean and thus safe for living.

Principal Prof. S. Shajitha inaugurating the seminar

NCC DAY CELEBRATION

NCC Day is celebrated every year on the fourth Sunday in the month of November. As part of the NCC Day celebration, cadets participated in the NCC Run and donated blood.

Cadets donating blood

NCC run by cadets from Asramam ground to NCC Head Quarters

AIDS DAY AWARENESS CAMPAIGN

As part of World Aids Day, an awareness campaign and Aids awareness rally were conducted by the unit.

AIDS Awareness Rally

SURGICAL STRIKE DAY

Surgical Strike Day was observed on September 20, 2018.A special parade was organized by the unit. Commanding Officer Lt. Col Kishor Bhagwat addressed the cadets on the modalities of protection of the borders and about the sacrifices made by the armed forces.

Commanding Officer addressing the cadets on surgical strike day

Special Parade

B CERTIFICATE EXAMINATION

B Certificate Examination was conducted on15th and 16th February 2019. Cadets of 3 Kerala Girls Bn. NCC ,7 Kerala Bn. NCC and 9 Kerala Bn. NCC attended the examination.

FLASHES 2018-19

When Group Commander Visited the Institution

Weapon Training

International Yoga Day Celebration at Kollam Beach

B Certificate examination conducted at the institution

(9) K Bn NCC
Brief report of the programmes conducted by (9) K Bn NCC during the report period

1. National Youth Day Celebrations

The national youth day celebrations were conducted by NCC unit on 12 January 2018. On behalf of this, an interactive class had been conducted in our college seminar hall based on the subject, " Awareness on Skill Development", in order to improve the confidence level of our cadets.

2 .Republic Day Celebrations

National flag was hoisted, followed by the Principlal's address.

Combined Annual Training Camp (CATC)

10 Cadets from our college received training in the CATC held at SMHSS Patharam during the period 16th April 2018 to 25th April 2018.

The cadets were

UO AshikRahuman M
UO Gokul G.
SGT Achuthan S. Nair
CPL Sreejith CS
CPL Muhammad Shafi
L/CPL Nadarsha NS
L/CPL Fahad S.
L/CPL Athira J.
L/CPL Parvathy V.

3. Combined Annual Training Camp (CATC)

12 Cadets of our college received training in the CATC held at SMHSS Patharam during the period 30th April 2018 to 9th May 2018

The Cadets were

SUO Fathima NR
CQMS Thameem T
SGT Dhanya L
CPL Raziya A
CPL Adithyasankar S.
CPL Akash A.
L/CPL AdershSarath
L/CPL Sabirudeen
L/CPL Tayyub H
Cdt. Liyakath Ali A.
Cdt. ShahulHameed S.
Cdt. Vinayak

4. International Yoga Day Celebrations

Celebrations were held on 21st June 2018. 21 cadets had attended celebrations. Out of 21 cadets, 8 were women cadets.

5. Independence Day Celebrations

- National Flag was hoisted. Principal gave the message, highlighting the need of oneness among us. Cadets raised slogans of Unity and National Integrity.
- 47 Cadets had attended the celebrations, out of which 12 cadets were women.

Flood Releif Activities

- Ten SD cadets had visited the Flood Relief Camp and participated in the rescue activities held on Pandalam in the month of August.
- Five cadets took part in the food packing activities which was conducted by 9(K) Bn. NCC Kottarakara at St. Cyril's College, Adoor.

RDC (Republic Day Camp)

Out of 4 cadets participated in the camp, two cadets CPL Akash A and CPL Adithyasankar S. got selected and participated in the pre-IGC camps.

Swachh BharathAbhiyan

Cadets took part in the cleanliness drive combinely organized by TKM NSS and NCC team on 2nd October 2018. An awareness campaign was also organized. A total of 45 cadets attended . Among them 15 women cadets were present.

Army Attachment Camp

Camp was conducted on 5th Nov 2018 to 20th Nov 2018. Three cadets had attended. The list as follows,

UO AshiRahuman M
CQMS Thameem T

L/CPL AdershSarath

World Aids Day

A rally was conducted by 46 cadets.

Combined Annual Training Camp

11 of our cadets received training on CATC held at DV VHSS, Thalavoor from 21stDecemeber to 30 the Dec 2018.

List of cadets

CPL Jibil J Vinay
Cdt. Mohamed Zameel
Cdt. Anandakrishnan
Cdt. FirozJahamghir
Cdt. TK Antony
Cdt. MuhammedAslam
Cdt. Srijin S.
Cdt. Anandhu AT
Cdt. Syedali
Cdt. Goouri J
Cdt. ShefnaShameer

National Integration Camp

Three male cadets attended the NIC camp held at Nehru Arts and Science College.

Aseeb A.K.
Caretaker

Media Club

Creative writing plays a significant role in reforming our society. The Media Club of T.K.M. College of Arts and brings out a monthly newsletter titled 'Outspoken' which provides the students with an effective platform for creative writing. The year 2018-19 saw a marked change in the ways students contributed to Outspoken. They enriched the pages by bringing in book reviews and thought-stimulating creative pieces. They also brought out an Annual Edition of the Outspoken, incorporating the best articles and poems from the previous issues. Through the pages of Outspoken, our students have been able to experience original thinking, critical thinking and self-expression. Moreover, the efforts taken by the student co-coordinators of the club have inspired the other students to contribute to the newsletter in myriad ways. They learn to use their imagination to share human experience.

Another significant contribution of the Media Club of the institution to the student community is 'Cyber Canvas', an online forum where the students post their creative works, which includes poems, stories, etc.

Dr. Sumithra Devi S.
Coordinator

Literary Club

The primary agenda of the Literary Club in the year 2018-19, as in the previous year, was to nurture and enhance the creative and literary talents among the students. The Book Exchange Programme was continued this year as well. Some of the literary works included in this year's Book Exchange Programme are given below:

- Michael Connelly's Harry Bosch series
- Paul Auster's The New York trilogy
- K. R. Meera's Hangwoman
- T. D. Ramakrishnan's historical fiction in Malayalam
- Vikram Chandra's Sacred Games

Another important activity of the Literary Club in the year 2018-19 has been to collect creative writing material from students across disciplines and displaying it on the Department of English notice board. The students responded enthusiastically to this activity initiated by the Club and works by Selma A. S. (II MA English), Hasna Zakeer Hussain (S6 English) and Neelima S. (S6 English) were met with appreciation.

Sulfia S. Santhosh
Coordinator

Women's Studies Unit

Women's Studies Unit of TKM College of Arts and Science was set up as a result of University of Kerala, Centre for Women's Studies' response to address women's concern in higher education. Since then Women's Studies Unit has taken initiative for the development of the women community in the college by conducting various programmes and activities.

The unit conducts training programmes on a variety of art and craft. On Saturdays, training is given to the students of the unit on fabric painting, textile printing, glass painting, pot painting, and they are assigned with cross stitch and quick stitch kits to improve their talents. Along with, sessions on sari designing and churidar designing, sequence works on either of the dresses are taught. Students are also encouraged to do bead work, embossing, liquid embroidery and aplica work on cloth of different materials. Designs as well as raw materials are provided for the same. Another main attraction of the classes are muffler making, both using the frame and knitting needles.

Students are also provided with training on flower making using different materials ranging from fancy papers, socks cloth, organdy cloth and tissue papers. The use of waste papers, polythene covers and bottles for making flowers and baskets, generates in them the idea of reuse of such waste materials into a creative and useful means. This is considered as a best practice in management of such waste materials. Tile work, pot painting and decoration is assigned to students as a take home activity.

The International Women's Day was observed on 8 March 2019. Debates and discussions were conducted on a weekly basis by the students of the unit on local issues and empowerment of women, and these activities are mediated and presided over by the convener of the unit. Classes were organized on health and Hygiene by the unit.

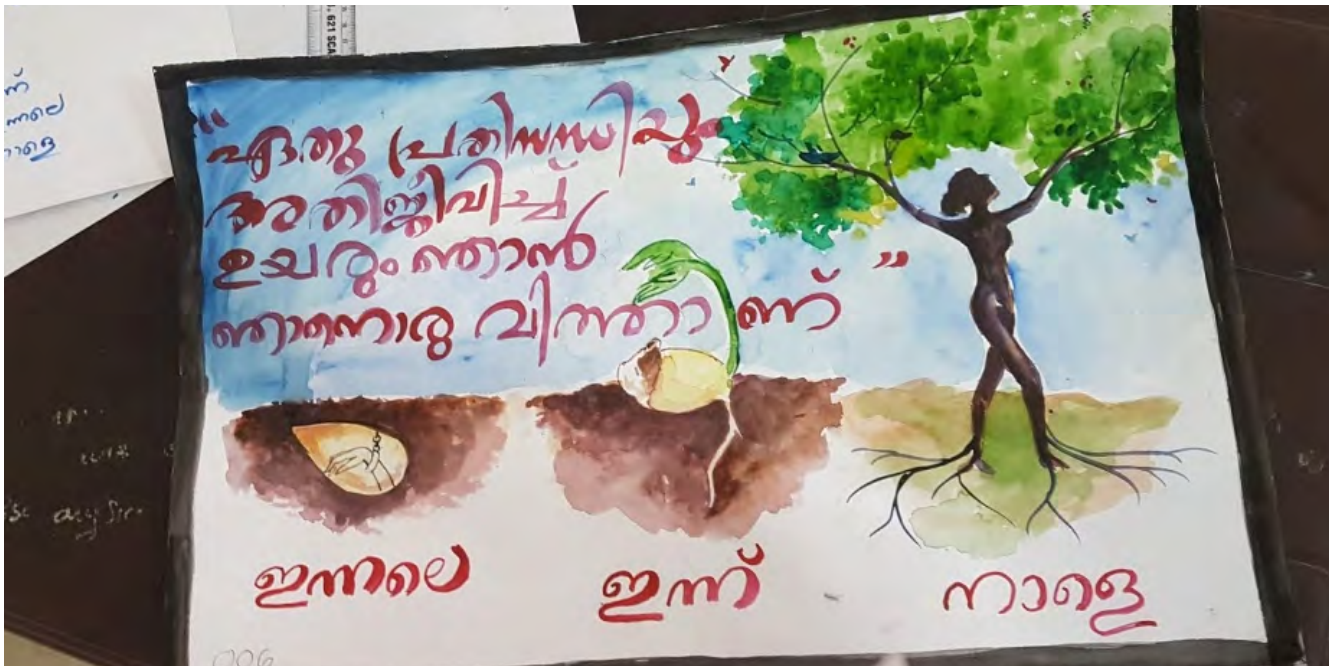
The unit has undertaken a programme in association with Vanitha Shishuvikasanavakuppu (Women and Child Development Department) based on the women issues. A poster competition was also conducted as a part of this programme. A poster presentation was conducted by the students on 8th of March 2019 as part of observing International Women's Day which was inaugurated by Principal Prof .Shajitha S. On 14th of March 2019, the students have participated in an event organized by the Women Cell 'Mitra 180' as a part of International Women's Day. The chief guest for the inauguration was Shahida Kamal, Member, Kerala Women's Commission and an invited talk was delievered by Adv. Niza Fazil.

Health and Hygiene issues are a major one that are to be taken seriously. As part of it, an initiative is taken by the unit to conduct an Interactive Talk on the topic "Common Problems in Adolescence Age" by Dr. Namitha Harilal from the Gynecological Department, Victoria Hospital, Kollam on 23rd March 2019. In this programme, students effectively interacted by asking their doubts and the doctor answered to selected thirty questions.

The unit is looking forward to inculcate more training programmes and other activities for enrichment and enhancement of the Women community both mentally and physically.

Human Right Day Observance on14 March 2019

Interdepartmental poster presentationcompetition "Sadhairyam Munoottu" on 31-01-2019



International Women's Day (poster presentation) on 08-03-2019
inaugurated by Principal Prof. Shajitha S.

Debate conducted as part of International Women's Day

An Interactive Talk "Common Problems in Adolescence Age" by Dr. Namitha Harilal, Gynecologist,Victoria Hospital, Kollam on 23-03-2019

Nature Club

The activity of Nature Club started during the academic year 2018-19 was inaugurated by the Principal Prof S. Shajitha. There were 75 club members from various disciplines. The following are the major activities of the club during the period under mention

In the first session, Asha Alex of Department of botany was selected as the student co-ordinator. The student co-ordinator schedules the date of activities.

The activities include

- General introductory session by the co-ordinator
- Student co-ordinator selection
- Describing rules and regulation of the club
- Discussion on Ecosystem
- Mushroom cultivation demonstration and on hand training

Students engaged in activities (Mushroom Cultivation)

Debate Club

Debate club for the academic year 2018-19 was formed on July 2018. The first club meeting selected Anandakrishnan P.(S5 B.A. English) and Farsana Shrafudeen (S3 B.Sc Biochemistry) as student coordinators. The inaugural speech by general co-ordinator gave the students an idea about the activities of Debate Club. The club meeting was planned on every Tuesday 1.30 pm. Debate club tried its best to participate all its members in various competitions held outside and inside the campus.

Details of students who got prizes in various competitions

Sl. No	Name of student	Course and Semester	Name of Competition	Organized by	Date of competition	Prize
1	Anandakrishnan P.	B.A. S5	Debate	Mathrubhumi and Federal Bank	18/10/18	Selected to zonal level
2	Laya Rajan	B.A. S1	Debate	Mathrubhumi and Federal Bank	18/10/18	Selected to zonal level
3	Bincy Thomas	M.A. S3	Debate	Mathrubhumi and Federal Bank	18/10/18	Selected to zonal level
4	Aswin M.S.	B.Sc S3	Elocution	Ministry of Youth Affairs and Sports in connection with state NSS and Nehru Yuva Kendra Sangathan	24/1/2019	Selected to State Youth Parliament Competition
5	Mohammed Zameel S.	S6 BA	Elocution	Ministry of Youth Affairs and Sports in connection with state NSS and Nehru Yuva Kendra Sangathan	24/1/2019	Selected to State Youth Parliament Competition
6	Anandakrishnan P.	B.A. S5	Elocution	Sree Narayana Dharma Sanghom	2/12/18	First Prize
7	Aswin M.S.	B.Sc S3	Elocution	Ministry of Youth Affairs and Sports in connection with state NSS and Nehru Yuva Kendra Sangathan	5/2/2019	First Prize
8	Mohammed Zameel S.	S6BA	Elocution	Ministry of Youth Affairs and Sports in connection with state NSS and Nehru Yuva Kendra Sangathan	5/2/2019	Third Prize
9	Anandakrishnan P. And Shehin S.	B.A. S6 B.A.S4	Debate	Asian School of Business, Trivandrum	8/2/2019	First Prize

10	Aswin M.S.	B.Sc S4	Elocution	T.K.M.C.A.S., Kollam	19/2/19	Second Prize
11	Shehin S. And Muhsina M.	B.A.S4 B.A. S2	Debate	T.K.M.C.A.S., Kollam	20/3/19	First Prize
12	Sajna Abdul Salm And Roshna Ayoob	B.Sc S4 B.Sc S4	Debate	T.K.M.C.A.S., Kollam	20/3/19	Second prize
13	Aswin M.S. And A.K. Ansu John	B.A S4 B.Com S4	Debate	T.K.M.C.A.S., Kollam	20/3/19	Third prize

Zonal level Mathrubhumi Speak for India competition

Zonal level Mathrubhumi Speak for India competition

Debate club also made sure the participation of students in various competitions like

- Kerala University Youth festival
- Zonal level Mathrubhumi Speak for India competition
- Debate competition conducted by Younus Institute of Technology, Kollam etc.

Soumya S.
Coordinator

Electoral Literacy Club

Electoral Literacy Club is a platform to engage students, through interesting activities and hands-on experience, to make them aware of their electoral rights and familiarize them with the electoral process of registration and voting. Activities and games are designed in such a way that they stimulate and motivate students provoking them to think and ask questions. Through ELC, Election Commission of India aims at reinforcing the culture of electoral participation among young and future voters.

Electoral Literacy Club in our college was formally inaugurated by the Principal, Prof. S. Shajitha on 23/10/2018 at Seminar Hall. The awareness class conducted after the inauguration instilled the students on matters such as enrolling their names in the electoral roll by using a mobile application developed for this purpose. Sri. Jayaprakash, Deputy Thahasildar, Kollam, was the chief resource person for the class. The club was formed to give awareness on electoral process in the country to the students and other sections of the society who are intact on electoral matters. The programme was conducted under the aegis of SVEEP (Systematic Voters' Education and Electoral Participation). Prof. A. Firoskhan, Department of Commerce, is the nodal officer of the club. Sri. Jijas Hussain, S2 B.Com. Finance, is the student convener.

Firoskhan A.
Nodal Officer

Prof. S. Shajitha, Principal, T.K.M. College of Arts and Science, inaugurates Electoral Literacy Club

Human Right Forum

During the academic year 2018-19, Human Right Forum managed to arrange distinctive activities for the students. They include conducting debate on relevant topics, posture presentations, and discussion on social issues. Significant positive changes were observed in many of the students who were quiescent before joining the club. The forum generally intends to focus on the skill development qualities and behavioral modification of the students, with an apparent improvement of personality.

Students were made aware of the human rights violation that covers ground labor law, extra judicial killing, sexual violence and LGBT rights violence and discrimination against women, children and minorities.

Thanseena Bai R.
Coordinator

Cultural Club

Abhimanyu College Union, in association with the Cultural Club, inaugurated the cultural activities of the Union, 'Agneya 2k18', on 20th Nov 2018.The programme began with a welcome dance at 9.30 am. The Chairman of the college union, Sidhiq, delivered the welcome speech. The Presidential address was delivered by Ms. Shajitha, the Principal of the college. The Chief Guest of the day, Mr. Thasveer Muhammed, model and motivational speaker, inaugurated the Club formally by delivering the Inaugural address. Mr.Najeem, Asst. Prof., Dept of Arabic, offered felicitations on the occasion. The vote of thanks was proposed by Mohamed Zameel, Arts Club Secretary. In connection with the arts club inauguration, 3 competitions were conducted- 1) Music competition-Dhwani, for which entries came from different colleges across the nation; 2) film review competition on the movie Kaiyyoppu; and 3) Pub g tournament. Vivek S.M. from SN College, Kollam, bagged the 1st prize, and Sandra Dickson from CEP won the second prize in Dhwani music competition. The film review competition was won by Sakkiyamol S3 English, TKMCAS, 2nd prize was won by Ashwin Manju S3 Chemistry, TKMCAS, and third by Maheshwaran S3 Maths, TKMCAS. About 25 cultural programmes were conducted and the event came to an end at 4.30 p.m.

The Arts festival of the college was conducted on 21 and 22nd March, 2019. Competitions were held in a number of literary and cultural events. Abhimanyu college union, in association with the Cultural Club of the college, conducted the college day celebrations on 26th March with great pomp and glory. The event marked the official conclusion of the college union activities, in the year 2018-19. The welcome speech was delivered by Mr. Najeem, Asst. Prof. in Arabic and Staff Adviser. The Presidential address was made by Mohamed Zameel, the Arts Club secretary. Following this, the union report was submitted by Adwaid. P, General Secretary of the union. Felicitations were offered by Sidhique S, the college union Chairman.

A major highlight of the event was the prize distribution for the winners in the fields of arts and sports. Dr. Shershah, Associate Professor in Physical Education, announced the winners of the annual sports meet, and the students who excelled in university and inter university tournaments were also honoured. The Yellow house (Zoology and Mathematics) bagged the first prize in sports and games followed by the Green house (English and Botany). Blue house (Physics and Islamic History) won the first place and Green House secured the second position in the arts competitions. Various cultural events of the students and a DJ programme were held after the prize distributions.

The students of the college made a marked presence in the University Youth Festival 2018-19, by their active participation in solo and group events including Oppana, Folk song and Duffmuttu. The college won the third place in the Oppana competition. The Oppana team comprised the following students:

Shibina S., Saranya S., Hasna Nazeer, Amina S., Rahmath Beevi S., Nasrin N., Sidana S., Krishnaveni S., Aiswarya S., Risana S.

Dr. Sumithra Devi S.
Coordinator

CACEE

Report of Activity

The following Computer Programmes were introduced to students during the academic year 2018-19 for the Extension Club CACEE.

Microsoft Office Word Document

- Introduction to Microsoft Office Word Document.
- Explain the Office Button.
- Quick Access Toolbar.

Home Tab

- Explain Clipboard.
- Explain Font.
- Explain Paragraph.
- Explain Styles.
- Explain Editing.

Insert Tab

- Explain Pages.
- Explain Tables.
- Explain Illustrations.
- Explain Links.
- Explain Header & Footer.
- Explain Text.
- Explain Symbols.

Page Layout Tab

- Explain Themes.
- Explain Page Setup.
- Explain Page Background.
- Explain Paragraph.
- Explain Arrange.

References Tab

- Explain Table of Contents.
- Explain Footnotes.
- Explain Citations & Bibliography.
- Explain Captions.
- Explain Index.
- Explain Table of Authorities.

Mailings Tab

- Explain Start Mail Merge.
- Explain Write & Insert Fields.
- Explain Preview Results.

Review Tab

- Explain Proofing.
- Explain Comments.
- Explain Tracking.
- Explain Compare.
- Explain Protect Document.

View Tab

- Explain Document Views.
- Explain Show/Hide.
- Explain Zoom.
- Explain Window.
- Explain Macros.

Microsoft Office Excel Spreadsheet

Home Tab

- Explain Clipboard.
- Explain Font.
- Explain Alignment.
- Explain Styles.
- Explain Cells.
- Explain Editing.

Insert Tab

- Explain Tables.
- Explain Illustrations.
- Explain Charts.
- Explain Links.
- Explain Text.

Page Layout Tab

- Explain Themes.
- Explain Page Setup.
- Explain Scale to Fit.
- Explain Sheet Options.
- Explain Arrange.

Formulas Tab

- Explain Insert Function.
- Explain Defined Names.
- Explain Formula Editing.
- Explain Calculation.

Microsoft Office Power Point Presentation

- Explain New Slide.
- Explain Slide.
- Explain Animations.
- Explain Design.

Shajitha S.
Coordinator

Planning Forum

Planning forum consisted of 44 students from S4 B. Com Computer Application and S4 Biochemistry. Planning Forum is an academic platform for the students who are interested in the subjects of Management, Commerce and Development Economics. This ensures enrichment of knowledge of students in this field through activity based programmes. Planning Forum helps to create an awareness of the need for planned development of the country among students. It also helps to stimulate the interest among the students in intellectual and academic activities by conducting debates, organizing discussions on economic problems and arranging occasional lectures by eminent figures. The major activity of Planning Forum during the year is a Survey on Water Harvesting and Waste Management, the data of which is collected through a questionnaire from 100 sample representatives of the local population. The consumption of water, source of drinking water, data regarding the depletion of ground water level for past 10 years, degradation in quality of well water during last 10 years and any attempts of harvesting rain water during previous years etc were collected regarding water harvesting. Data on waste management is collected with specific emphasis on plastic wastes, especially plastic carry bags and plastic packets of milma and other packaged milk, packaged provisions, etc. After data collection, a detailed report with specific remedial recommendations will be submitted by the students before the District Collector, Kollam. Students were given activities as follows.

Date	Programme	Duration	Venue
12.10.2018	Self introduction	1 hour	Class no. 311
19.10.2018	Motivational class	1 hour	Class no. 311
26.10.2018	Personality development	1 hour	Class no. 311
09.11.2018 16.11.2018 30.11.2018 07.12.2018 14.12.2018	Survey on water harvesting and waste management	5 days	Different locations of Kollam district.
11.01.2019	Class on Report writing	1 Hour	Class No.311

Students of the club engaged in various activities

OPPANA TEAM OF THE COLLEGE THAT WON THIRD PRIZE IN THE KERALA UNIVERSITY YOUTH FESTIVAL

College Union 2018-19

Election to the College Union for the academic year 2018-19 was held on 9 October 2018. The panel with Siddique as the Chairman won with a historical majority. The Union was named 'Abhimanyu Kalalaya Union' in remembrance of the student leader Abhimanyu who became a prey to the raging communalism.The following students were elected as the Union council members.

യൂണിയൻ ഭാരവാഹികൾ

SIDDIQUE N.

ABHIRAMI S.

ADWAITH P.

SAIDALI S.

HIJAS Y.

MOHAMED ZAMEEL

AHAMMED U.

RISANA R.S.

HARITHA S.

The Union took the charge of office on 16 october 2018 by pledging the oath in presence of the Principal Prof.S.Shajitha. The inauguration of the Union was held on 1 November 2018 with the Kollam Mayor Adv. Rajendra Babu as the inaugurator.

Sri Rajendra Babu inaugurating college union 18-19

The programme was presided over by the Union Chairman Siddhique N and the welcome address was given by Adwaith Prakash, General Secretary. Ganapoojari, the well-known Poet and Orator was the guest of honor and he delivered keynote address. Following it, there was the commemoration ceremony of Balabhaskar, the renowned Violinist as well a Violin Fusion by team 'Back Up Plan' which was led by Balaprasad(student).

Violin fusion

Dhwani 2018

The union organized an inter collegiate online music competition named 'Dhwani 2018' from 6 to 9 December 2018 to spot the talented songsters. Students from different colleges took part in the competition and Vivek S of S N College won the first prize.

Arts Club Inauguration

The Arts Club inauguration of 'Abhimanyu College Union' was held on 20 December 2018 and was named 'AGNEYA-2018'. The well-known Model Thasveer Muhammed was the inaugurator.

Valentine's Day Celebration

A love letter competition was organized on 14 February 2019 as part of Valentine's Day celebration. Ananthakrishnan P. of 3rd year English secured the First prize for the same and it was published in the TKM Diary.

Model Tthasveer Mohammed delivering the inaugural address on Arts Club Inauguration

College Youth Festival

The college youth festival 'Aartam 2019' was officially inaugurated by the actors Kalidas Jayaram and Aiswarya Lekshmi on 25 February 2019.

Clicks of the event

Drama Presentation

A drama presentation was done on March 8, 2019 under the leadership of Kerala Media Academy.

The objective was to make students aware of the communalism and caste discrimination prevailing among the students. The drama portrayed the ideologies propounded by the Renaissance leaders Swami Vivekananda, Ayyankali, Sri Narayana Guru and Vakkom Moulavi.

Drama presentation

Drama Festival

Kerala University Union Drama festival was conducted on 10 and 19 March 2019 at TKM college. Almost 10 teams from different colleges came to participate in the same. Each drama was exuberantly colourful with its discernible visual experience. S.N. college, Cherthala secured the first and second prize, and the third prize holder was the University college.

Drama festival

Youth Festival

College Union Youth Festival was conducted on 21 and 22 March 2019. Various offstage and onstage events were conducted for the students to evince their artistic talents. It instilled a competitive spirit in them and each house participated with great excitement. The Green House which comprises both the Physics and Islamic History departments became the winners.

Clicks of Aartam 2019

Union Valedictory and College Day Celebration

The Union Valedictory function and College Day celebration was held on 20 March 2019. The college union chairman Siddhique expressed his heartfelt gratitude to all the faculty members and students who cooperated with the union.

Cultural events-Union valedictory celebration

T.K.M.

COLLEGE OF ARTS & SCIENCE

KOLLAM, KERALA

Re-accredited by NAAC with 'A' Grade
(DST-FIST Funded Institution)

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Assistant Professor of English (Convenor)

Nizamudeen Ashique P.K.,
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COLLEGE OF ARTS & SCIENCE

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SCHOOL OF ARCHITECTURE

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Ph : 0474 - 2165246 /47 /48 Web : www.tkmsa.org

Courses : B.Arch , **Degree Course**
(Approved by Council of Architecture, New Delhi
& Govt. of Kerala and recognised by the Cochin University of Science & Technology)

HIGHER SECONDARY SCHOOL

TKM College Complex, Kollam - 691 005.
Ph : 0474 - 2715670, 2719346 Web : tkmhss.org

HighSchool : Admit Students from Std.VIII.
(Under Directorate of Public Instruction, Kerala).
+2 Course : Maths - Computer, Maths - Biology, Commerce- Maths, Commerce-Computer Application, Humanities
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