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T.K.M. COLLEGE OF ARTS & SCIENCE

KOLLAM - 691005 (Kerala State)
NAAC REACCREDITED : A GRADE

Ref. 878/18

Date...03/10/2018.

To

The Director,
National Assessment and Accreditation Council
Bengaluru

Sir,

Sub. Submission of AQAR 2016-2017

Ref: KLCOGN 11325 TKM College of Arts and Science, Kollam,
Kerala-5

I submit here with the soft copy of the AQAR 2016-17. Kindly acknowledge the same.

Thanks and Regards

Yours Sincerely


Principal



The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

I. Details of the Institution

1.1. Name of the Institution

TKM COLLEGE OF ARTS AND SCIENCE, KOLLAM-5

1.2. Address Line 1

KARICODE

Address Line 2

TKM COLLEGE P O

City/Town

KOLLAM

State

KERALA

Pin Code

691 005

Institution e-mail address

www.tkmcas.ac.in

Contact Nos.

0474-2711817 / 0474-2712240

Name of the Head of the Institution:

PROF. A. HASHIMUDEEN

Tel. No. with STD Code:

0474-2711817

Mobile:

9447151334

Name of the IQAC Co-ordinator:

Dr A. Raghu

Mobile:

9847721207

IQAC e-mail address:

tkmartsiqac@gmail.com

1.3. NAAC Track ID (For ex. MHCOGN 18879)

KLCOGN 11325

1.4. Website address:

www.tkmcas.ac.in

Web-link of the AQAR:

www.tkmcas.ac.in/iqac

1.5. Accreditation Details:

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	-	2004	5 years
2	2 nd Cycle	A	3.13	2013	5 years
3	3 rd Cycle	NA	NA	NA	NA
4	4 th Cycle	NA	NA	NA	NA

1.6. Date of Establishment of IQAC:

04/06/2004

1.7. AQAR for the year (for example 2010-11)

2016-17

1.8. Details of the previous year's AQAR submitted to NAAC after the latest assessment and accreditation by NAAC.

Sl. No.	AQAR Report for the Year	Date of Submission
1	2013-2014	30/04/2015
2	2014-2015	29/06/2015
3	2015-2016	12/10/2017

1.9. Institutional Status

University ☐ State ☐ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution (E.g. AICTE, BCI, MCI, PCI, NCI) Yes ☐ No ☒

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☐ Rural ☒ Tribal ☐

Financial Status Grant-in-aid ☒ UGC 2(f) ☒ UGC 12B ☒

Grant-in-aid + Self Financing ☐ Totally Self-financing ☐

1.10. Type of Faculty/Programme

Arts ☒ Science ☒ Commerce ☒ Law ☐ PEI (Phys Edu) ☒

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☐

Others (Specify) :

UGC Funded Add-On-Courses

- ☐ Science Stream - Health and Sanitation
- ☐ Arts Stream - TV Comparing, Anchoring and News Reading
- ☐ Commerce Stream - Travel and Tourism Management

Continuing Education Courses -University /Government/ State Resource Centre (SRC)

affiliated to National Skill Development Centre (NSD)

- ☐ Certificate in Library and Information Course (CLISc)
- ☐ PG Diploma in Counselling Psychology (PGDC)
- ☐ Diploma in Computer Applications (DCA)
- ☐ Professional Diploma in Fashion Technology
- ☐ Professional Diploma in Mechanical and Automobile Engineering

Competitive training programmes

- ☐ Coaching class for UGC/CSIR examination for JRF/Lectureship

Skill Based Vocational Courses Conducted by Additional Skill Acquisition Programme (ASAP), Higher Education Department, Government of Kerala

- ☐ Certified Accountant Course (CAT)- Accounting
- ☐ Assistant Fashion Designer- Fashion Designing
- ☐ Accounts Executives - Receivables and Payables- Accounting
- ☐ Warehouse Supervisor-Logistics
- ☐ Test Engineer-IT&ITES

1.11 Name of the Affiliating University (*for the Colleges*)

University of Kerala

1.12 Special status conferred by Central/ State Government -- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

NO

University with Potential for Excellence

NO

UGC-CPE

NO

DST Star Scheme

NO

UGC-CE

NO

UGC-Special Assistance Programme

Yes

DST-FIST

YES

UGC-Innovative PG programmes

Nil

Any other (*Specify*)

Nil

2. IQAC Composition and Activities

2.1 No. of Teachers	07
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	01
2.4 No. of Management representatives	02
2.5 No. of Alumni	01
2. 6 No. of any other stakeholder and Community representatives	01
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	01
2.9 Total No. of members	15
2.10 No. of IQAC meetings held	05

2.11 No. of meetings with various stakeholders:	No.	08	Faculty	05
	Non-Teaching Staff /Students	02	Alumni	
			Others	Nil

2.12 Has IQAC received any funding from UGC during the year? Yes ☒ No ☐

If yes, mention the amount

300000 (for 3 years)

2.13 Seminars and Conferences (only quality related):

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.	<input type="text" value="0"/>	International	<input type="text" value="0"/>	National	<input type="text" value="0"/>	State	<input type="text" value="0"/>	Institution Level	<input type="text" value="0"/>
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(ii) Themes

NA

2.14. Significant Activities and contributions made by IQAC

The college was first accredited on 3 May 2004 and in the same year IQAC was established in the institution. The motives behind its establishment are to ensure the highest quality in all areas of academic activity, especially in teaching-learning and evaluation, research and extension. The IQAC works to attain this by closely monitoring the academic performances and processes and intervening, wherever necessary. Under the motivation and guidance of the IQAC, the college undertook a slew of initiatives as part of its prolonged institutional efforts to raise the college ultimately to the level of an institution of excellence. The IQAC noticed a specific lacuna in the functioning of the institution. This lacuna was analyzed as comprising four sectors: lack of exposure, lack of inspiration, lack of motivation and lack of integration with the regional society. On the basis of the advice offered by the IQAC, a series of measures was taken by the institution. To overcome the lack of exposure, conferences, seminars and workshops were hosted; to overcome the lack of inspiration, illustrious figures in various disciplines, including Nobel laureate Ei-ichi-Negichi, Padmasree Thanu Padmanabhan and Jayashree Misra, Dr. Sanjay Malhotra, Dr. Ram Viswakarma, and Dr. Tushar Chakraborty, ISc Bangalore were invited to the institution to provide role models to students; to overcome the lack of motivation, departments were requested to carry out action plans and to overcome lack of integration with the regional society, a national exhibition was held. It is largely due to the efforts of the IQAC that ICT- enabled teaching was made comprehensive, Wi-Fi facilities and online access were strengthened, library and labs were further modernised.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

Plan of Action	Achievements
1. Develop an appropriate intellectual and academic ambience in the institution	This is an ongoing process. Significant strides have been taken.
2. Attain the highest possible performance in the university examinations and co-curricular activities.	Achieved
3. Strengthen the infrastructural facilities of the college.	Achieved at high level.
4. Upgrade all PG Departments into Research Departments and encourage research.	50% achieved, out of 6 PG departments 3 are now approved research departments. The proposals are submitted to university and the decisions are pending

5. Equip all class rooms with teaching aids like Smart Board, LCD Projectors, and Computers	Implemented
6. Expand extension activities of the college.	Attained to a large extent through the efforts of NCC, NSS and different clubs of the college. Along with extension activities, the college conducts various programmes such as Walk with a Scholar (WWS), Acquired Skill Acquisition Programme (ASAP), Scholar Support Programme (SSP) and continuing education programmes
7. Develop the sports facilities of the college	Specific improvement has been made in it.

*Attached the Academic Calendar of the year as Annexure

2.16 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☒ Syndicate ☐ Any other body

Provide the details of the action taken

The AQAR was first submitted to the Management. There the document was carefully perused. The Management then conveyed its support for the same. The AQAR was then placed before the college council, the statutory body of the college. It discussed elaborately the strengths and weaknesses of the AQAR, and finally gave its approval.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	03	0	0	0
PG	06	0	0	0
UG	10	0	0	0
PG Diploma			01	0
Advanced Diploma			03	03
Diploma			03	03
Certificate			04	03
Others				
Total	19	0	11	09
Interdisciplinary	0	0	0	0
Innovative	3	0	0	0

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	16
Trimester	NIL
Annual	NIL

1.3 Feedback from stakeholders* Alumni ☒ (On all aspects)

☒

Parents

☒

Employers

☐

Students

☒

Mode of feedback:

Online

☐

Manual

☒

Co-operating schools (for PEI)

☐

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspect.

The revision/update of regulation or syllabi etc. are done by the university and it is under the jurisdiction of the university and it updates its regulation and syllabi periodically. Since our college is an affiliated

one, we strictly follow the directions of the university. The university changed its syllabi during the academic year 2010-11 and it introduced the Choice Based Credit and Semester System (CBCSS) from the said academic year onwards. In 2013 the existing regulations were modified by the university based on the recommendation of the syndicate. The mark system was introduced instead of grading for each question. Notional grading on the basis of marks will be indicated for each semester. Under the scheme 80 marks will be given for end semester evaluation (ESE) and 20 marks will be given for continuous evaluation and the total marks will be converted to base 10. Modifications were also suggested for open courses conducted by the colleges. The question papers are to be prepared and answer sheets need to be evaluated by the respective colleges strictly adhering to the university regulations. The system is more flexible and liberal to the students. In this system the students are free to select their subject. Their academic performance is closely monitored and there is evaluation both at the university level and the college level. The creativity of the students is tapped using assignments, seminars and projects etc. The system is more student friendly than the traditional annual scheme as far as students.

1.5. Any new Department /Centre introduced during the year, if yes, give details: No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
59	45	14	NIL	NIL

2.2 No. of permanent faculty with Ph.D.

24

2.3 No. of Faculty Positions
Recruited (R) and Vacant (V)
during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
7	10								

2.4 No. of Guest and Visiting faculty and Temporary faculty

10

0

0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	12	24	36
Presented papers	12	16	6
Resource Persons	0	0	7

2.6. Innovative processes adopted by the institution in Teaching and Learning:

- Value addition efforts were taken to enhance the quality of the teaching-learning process.
- The element of inspiration in the academic process was strengthened and teachers were motivated to make their classes imaginative and inspiring
- The faculty members were encouraged to utilize their computer skills extensively in the teaching and learning process. Central Computer laboratories, internet, infibnet, power point and LCD are becoming more and more part and parcel of their academic activities.

2.7 Total No. of actual teaching days during this academic year

192

2.8. Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple-choice Questions)

Examination and evaluation reforms are carried out by the university

2.9. No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

8

3

4

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage:

Under Graduation (UG)

Title of the Programme		Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
Mathematics		43	41.86	30.2	0	0	72.09
Physics		36	25	36.11	8.33	0	69.4
Chemistry		34	35.3	20.6	5.9	11.8	73.6
Bio-chemistry		21	71.4	0	9.52	0	80.9
Botany		32	18.7	31.25	9.38	21.67	81.0
Zoology		23	8.69	34.78	17.39	0	60.86
English		50	2.00	20	46.00	0	68
Islamic History		34	5.89	67.64	8.82	0	82.35
Commerce	Finance	63	11.11	39.68	25.39	1.58	77.8
	Comp. appl	39	20.51	35.89	12.82	10.25	79.47

Post Graduation (PG)

Title of the Programme	Total No of students appeared	Division				
		Distinction%	I	II	III	Pass%
Mathematics	19	15.7	42	-	-	52.7
Physics	11	36	54	-	-	90.9
Chemistry	12	66.6	-	-	-	66.6
English	17	-	76.5	5.88	5.88	88.26
Commerce	20	15	75	5	-	95
Biochemistry	12	16.66	75	-	-	91.66

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching and Learning processes?

The IQAC operates as a comprehensive quality assurance system. It has made it its mission to ensure the seamless monitoring and evaluation of the teaching and learning process in the institution. It encourages teachers to use various teaching modalities so that the students get involved in the learning process.

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	09
UGC – Faculty Improvement Programmes	0
HRD programmes	1
Orientation programmes	04
Faculty exchange programmes	0
Staff training conducted by the university	4
Staff training conducted by other institutions	6
Summer / Winter schools, Workshops, etc.	18
Others	12

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	23	08	0	8
Technical Staff	2	0	0	0

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution.

The IQAC has taken the following measures to facilitate smooth progress and implementation of research schemes/projects.

1. Full autonomy has been given to the principal investigator.
2. Releasing funds as and when required.
3. Providing infrastructure and human resource support.
4. Create an ambience favourable for research activities in the college
5. Inspire the various departments of the college to seek maximum funding
6. Welcome research entrepreneurs of all levels with open arms to the institution
7. With the help of DST-FIST funding, the process of ordering/installing new instruments has been completed with a view to introduce research consultancy.

There is a vibrant research committee under the guidance of IQAC to sensitize and promote research climate in the institution. The composition of the committee is given in the following table:

Sl.No	Name	Designation	Position
1	Prof. A. Hashimudeen	Principal	Chairman
2	Dr.A. Raghu	Associate Professor	Convenor
3	Dr. Bobby T. Edwin	Assistant Professor	Member
4	Dr. S.Anas	Assistant Professor	Member
5	Dr. P.K.Manoj	Assistant Professor	Member
6	Dr. S.Sumalekshmy	Assistant Professor	Member
7	Dr.S.Sumithra Devi	Assistant Professor	Member
8	Dr. Shehnaz S. R.	Assistant Professor	Member

The major recommendations of the committee include the following:

- Every teacher to undergo MPhil or PhD course on a full-time or part-time basis, if he/she does not possess a research degree.
- Every teacher to participate and present papers in regional, national and international seminars.

- Every teacher having a research degree to undertake a minor or major research project as well as become an approved research guide.
- The research journal named *Re-journal* published by the college may accept manuscripts from outside the institution and peer review should be initiated.
- Based on the above initiatives, a few proposals were submitted this year for UGC as well as DST and intimations were given to faculty for applying for faculty induction programmes as part of completing the Ph D. Thesis.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	01	0	1
Outlay in Rs. Lakhs	Nil	18 lakhs	0	90 lakhs

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	11	8	1
Outlay in Rs. Lakhs	3.75	9.72	7.95	0.75

3.4 Details on research publications

	International	National	Others
Peer Review Journals	16	2	
Non-Peer Review Journals	0		2
e-Journals	0	0	0
Conference proceedings	6	1	0

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (in lakh)	Received
Major projects	03	DST	18.98	14.18 (for 2014-17)
Minor Projects	02	UGC	17.67	
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total			36.65	14.18

*Funds are not released on yearly basis

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences

Organized by the Institution

Level	International	National	State	University	College
Number	01	0	02	0	0
Sponsoring agencies	DBT, KSCSTE, Sami labs, Synthite, SBI, SBT, CBI		KSCSTE, Human rights commission Delhi		

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations

International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakh:

From funding agency

From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows

of the institute in the year

Total	International	National	State	University	Dist	College
05	03	02	0	0	0	0

3.18 No. of faculty from the Institution
Who are Ph.D. Guides?
and students registered under them

10

7

3.19 No. of Ph.D. awarded by faculty from the Institution

2

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

2

SRF

Nil

Project Fellows

1

Any other

Nil

3.21 No. of students Participated in NSS events:

University level

100

State level

15

National level

02

International level

0

3.22 No. of students participated in NCC events:

University level

0

State level

60--15th Aug
25(annual training
camp)

National level

02

International level

0

3.23 No. of Awards won in NSS:

University level

1

State level

1

National level

0

International level

0

3.24 No. of Awards won in NCC:

University level

0

State level

0

National level

0

International level

0

3.25 No. of Extension activities organized

University forum

0

College forum

15

NCC

9

NSS

27

Any other

0

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

NCC

- As part of the Independence Day celebration, 9 (K) Bn. NCC, T.K.M. College of Arts and Science, organized a one day cleanliness programme in the campus. The programme was conducted as part of the Swachh Bharath Abhiyan initiated by the Prime Minister of India. Prof. A. Hashimudeen, the Principal of the college inaugurated the programme, and the same was coordinated by Sri. Aseeb A.K., the Care Taker of the NCC 9 (K) Bn. Forty eight cadets actively participated in the programme.
- As part of the Republic day celebration, 9 Kerala Bn. NCC Unit of the college in association with Kottamkara Grama Panchayath, organized a cleanliness drive, Plastic Eradication Programme in the Kottamkara Grama Panchayath. The programme was inaugurated by Smt. Vinitha Kumari, President, Kottankara Grama Panchayath. The programme included an awareness class and documentary show. Awareness class on Plastic Waste Management was given by Smt. Vasantha Kumari, Assistant Agricultural Officer, Kottankara Grama Panchayath.
- CDT Sajana Salim and CDT Arun Sankar were selected to represent Kollam group in the Inter-Group Shooting Competition-2016 which was held at St. Thomas HSS, Erattayar, Kattappana, Idukki. They participated in the IGC-Shooting Camp held from 30 April 2016 to 9 May 2016. CDT Arun Sankar got further selected for the South Zone Shooting Trials held at S A College, Edathua, Alappuzha from 18 May 2016 to 22 May 2016.
- CDT Sajana Salim and CDT Arun Sankar participated in the TSC-IBC (Inter Battalion) Camp held at Ambalappuzha from 18 May to 27 May 2016, and both of them were selected for TSC-Pre IGC Camp.
- Both of them participated in TSC-Pre IGC Camp held at SMHSS Patharam and CDT ArunSankar got selected for the TSC- IGC.
- CQMS Arun Sankar participated in the TSC- IGC Camp held at NCC Complex, Kozhikkode from 22 July 2016 to 31 July 2016 and won the individual Silver and Bronze medals in Obstacle Course SD and FS&JD respectively. His team won the Runner Up trophy for OBSTACLE COURSE SD.
- Arun Sankar participated in the PRE-TSC-1 held at NCC Complex, Calicut from 6 Aug. 2016 to 15 Aug. 2016.
- Arun Sankar participated in the PRE-TSC-2 held at NCC Complex, Calicut from 20 Aug. 2016 to 29 Aug. 2016 and got selected for the TSC-LAUNCHING CAMP.

- Arun Sankar got further selected for TSC-DELHI and lead and represented K&LDte at the ALL INDIA THAL SAINIK CAMP held at New Delhi from 19 Sep. 2016 to 30 Sep. 2016. His team won the Silver medal in Obstacle Course SD
- 10 cadets from our college received training in the combined annual training camp held at SMHSS Patharam from 09 Sep. 2016 to 18 Sep. 2016.
- U O Sajana S participated in the National Integration Camp held at Pattanakkaadu , Alappuzha from 10 Sep. 2016 to 21 Sep. 2016. UO Arif Muhammad in RD-Pre IGC Camp held at SMHSS Patharam from 9 Sep 2016 to 18 Sep 2016 and got selected for the RD- IGC .He participated in the RD- IGC Camp held at Thrissur from 17 Oct 2016 to 26 Oct 2016. He attended the PRE-RD-1 held at Trivandrum from 8 Nov 2016 to 17 Nov 2016 and got selected for the PRE-RD-2. He also participated in the PRE-RDC-2 held at Trivandrum from 24 Nov 2016 to 3 Dec 2016 and got selected for the PRE-RD-3. He got further selected for RDC-DELHI and represented K&LDte at the Republic Day camp held at New Delhi from 1 Jan 2017 to 29 Jan 2017. He was part of the Rajpat Contingent for the K&LDte.
- Four cadets from the college received 14 days of army training in the Army attachment Camp held at Pangode, Trivandrum
- Ten cadets from our college received training in the Combined Annual Training Camp held at SMHSS Kottarakara from 23 Dec 2016 to 01 Jan 2017
- SUO Arun Joy and L/CPL Renjith B S represented the college in the All India Trekking Expedition held at Malayattoor from 20 Dec 2016 to 31 Dec 2016.
- JUO Arun Sankar of the college participated in the SSB Screening Course Capsule held at the officers training academy, Kamptee, Nagpur from 19 Apr 2017 to 28 Apr 2017
- Twenty four cadets from our college received training in the annual training camp held at SMHSS Patharam from 21 Apr 2017 to 30 Apr 2017.

NCC Girls Wing

- On Oct 2nd 2016, the girl cadets of the institution cleaned the campus premises and the road leading to the college.
- 3(k) Girls Bn. NCC unit organised a cleanliness drive on 12th August 2016 in connection with International Youth Day. Principal of the college inaugurated the drive. Cadets of the unit participated in various activities. They promoted Swatch Bharat Mission Campaign for ensuring hygiene, sanitation and waste management in the campus. Cadets cleaned the campus and drainage
- Cadets of our institution gave guard of honour to Hon. Chief Minister Pinarayi Vijayan when he visited the college for the Valedictory function of Golden Jubilee Celebrations

- Five cadets donated blood in the blood donation camp conducted by TKM NSS Unit.
- In connection with AIDS awareness programme, AIDS prevention education programme was organised in our college under th3K Girls Bn. NCC Kollam. Cadets distributed red ribbons to all the students of the institution. Cadets participated in the AIDS Awareness rally and raised slogans.
- Twenty cadets of 3(k) Girls Bn. NCC participated in the ‘C’ Certificate Examination 2017. All cadets passed the examination.
- Thirty one cadets of 3(k) Girls Bn. NCC participated in the ‘B’ Certificate Examination 2017. All cadets passed the examination.

NSS

- There are two units of National Service Scheme functioning in the College, handled by two experienced Programme Officers. Because of the positive attitude of the successive Principals and Programme Officers and the dedicated volunteers the NSS units of the college functioned very effectively both in the college and in the community. The volunteers possess an excellent NSS culture. In social services like blood donation, awareness creation among the people of the adopted village and in the related matters they performed satisfactorily ever since the starting of NSS units in the college.
- During the last year the NSS units gained remarkable achievements in organizing innovative programmes for developing the personality of the volunteers, conducting cleaning activities within the college and in the adopted village, helping the community and society by offering free labour, donating blood to the poor and needy patients, conducting inter-collegiate camps for the benefit of the students from various institutions, conducting seminars, workshops, quiz programmes and awareness classes, observing important national and international days, participating in University, State and National Level Camps.
- Cash Award for National Youth Leadership Programme Award for 2016-17.
- The NSS Unit of T.K.M College of Arts and Science has successfully completed more than 100 hrs. of Sramadhan apart from annual regular activities. The major programme conducted as a part of Sramadhan were Swatch Bharat Abhiyaan- Cleanliness Drive (5 days programme), Voice Donation (Voice Recording by Reading books), Adopted Family Visit (Cleaning and Clothing), Mahila Mandiram Visit (Awareness on Importance of Skill Development programme - Started Vastra Niramana Parisheelana Unit, Donation of Sewing Machines and conducted an Exhibition), Early Detection Oral of Cancer by Mouth Self Examination Programme (Awareness, Oral Cancer Camp, Award), College Jubilee Celebrations (Sramadhan for 5 days), Hepatitis-B Vaccination (3 stages), Sahapadikkoru Veedu and Mega Job Fair hosted by NSS.

- The outreach Cultural Programmes of the NSS Unit were conducted through a street play with the theme on gender justice and a road show on “Laharikkethire Yuvatha”. The T.K.M College of Arts and Science, Kollam-5 NSS Unit has satisfied all the conditions put forward by the authorities. In these circumstances, we put forward our proposal for National Youth Leader Award.
- Best Unit and Best Programme Officer Award 2016-17
- The NSS Unit of T.K.M College of Arts and Science has been awarded for the Best Unit under Kerala University and Smt. Shajitha S. has been selected as the Best Programme Officer for the year 2016-17.
- Principal Prof. A. Hashimudeen, Prof. S. Shajitha and NSS Volunteers received Best Unit and Best Programme Officer Award from Hon’ble Speaker, Kerala Legislative Assembly, P. Sreeramakrishnan.
- World Environment Day was celebrated on June 5, in the College by the NSS unit by planting trees and cleaning the campus.
- On the direction from the Kerala University N.S.S. office, we, T.K.M. College of Arts and Science’s NSS Units celebrated “International Day of Yoga” on 21-06-2017. We arranged a seminar on Yoga and Meditation at Seminar Hall at 9.30 am. The programme was started with the N.S.S. Song and it was formally inaugurated by the Principal Prof. A. Hashimudeen and a special session was carried out on “Yoga and Meditation” by Sreesha (Yoga Trainer) Prof. S. Shajitha presided over the programme. The gathering was welcomed by Prof. A Firoskhan (NSS P.O.) and vote of thanks was delivered by Meenu Raj (NSS Volunteer). The programme concluded with the National Anthem.
- Indian Dental Association, Quilon branch, in association with NSS Units of T.K.M. College of Arts and Science, Kollam conducted Hepatitis Awareness class with video projection on 20th August 2016. The camp was scheduled on 23rd and 24th September 2016. The programme was inaugurated by the Principal of the college Prof. A. Hashimudeen. The class was taken by Dr. Anney George, the CDH Chairperson of IDA, Quilon.
- Our college was selected as the best performer of the medical camp conducted under the auspices of RCC, Trivandrum and awarded for the same. The award was received by the Principal from the Minister for health and Family Welfare, Smt. Shylaja Teacher at RCC, Trivandrum on 31 May 2016.
- The programme aimed at early detection of oral cancer by mouth self-examination. As a part of the programme, a survey was conducted with the participation of students. A detailed questionnaire was prepared and administered among the people in the Kottankara Grama Panchayath and Kollam Corporation, Kollam. The medical camp for the persons who have selected by the students was conducted on 27th February 2016. Dr. Babu

Mathew, Secretary, Regional Cancer Association led the camp. Seven other doctors also participated in the camp.

- Received Best Performer Award 2016-17, RCC, Thiruvananthapuram for the above activities.
- On NSS Day, Hepatitis B vaccination camp with telefilm presentation and IEC material distribution was conducted by IDA, Quilon branch in collaboration with TKM College of Arts and Science and Sahaya Hastham Palliative Care in the auditorium of TKM College of Arts and Science, on two days. On 23rd September, two hundred and twenty one students of TKM Arts and Science were administered Hepatitis B vaccination along with Td-vaccination for doctors of IDA Quilon branch. On 24th September, fifty eight people of the community were administered Hepatitis B vaccination. A total of two hundred and seventy nine people were administered Hepatitis B vaccination. The Chief Guest of the programme was Jb. Jalaludeen Musaliar, Hon'ble. Treasurer TKM College trust. The news was well covered by the media.
- The second dose of Hepatitis B vaccination was successfully administered by the team on 23rd October, Sunday between 10 am and 1 pm in our college. A total number of One hundred and thirty people participated in this programme.
- Construction of a new house for a deserving student of second year of B.Sc. Botany, who is an orphan. The old house was a totally damaged one and toilet facilities were not available. In such a pathetic condition the NSS unit of TKM College of Arts and Science intervened and constructed a new house.
- The National Service Scheme units of T.K.M. College of Arts and Science, Kollam successfully conducted a blood grouping with the help of the Department of Biochemistry. The blood groups of the majority of the students were identified in the grouping conducted in the college auditorium.
- The blood grouping of the students of second and final year were conducted with the help of Department of Biochemistry staff. Before starting the grouping the students and the staff of the college who assembled there were welcomed by the Programme Officer of NSS Unit Prof. Shajitha S.
- The annual special camping programme of the National Service Scheme units was conducted from December 23, 2016 to December 29, 2016 at T.K.M. Centenary Public School, Karicode, Kollam. During the camp, the volunteers participated in group farming, paper bag making, road cleaning, awareness classes on drug abuse, food and nutrition, life style diseases etc.
- The camp was formally inaugurated by Adv. V. Rajendra Babu, Mayor, Corporation of Kollam. The inauguration function was presided over by Prof. A. Hashimudeen, Principal, T.K.M. College of Arts and Science, Kollam. Prof. Abdul Majeed, Member, Advisory Committee, Prof. E. Najeem, Member, Advisory Committee, Sri. Hussain, Member,

Grama Panchayath, Kottamkara were also present. Prof. S. Shajitha, Director, Special Camp, welcomed the gathering and Prof. A. Firoskhan, Officer, Special Camp, delivered the vote of thanks.

Social Service Cell

A Social Service Cell was constituted at the college to extend the commitment of the college to the society with the vision of “**Serve the Society.**” The major activities under the cell during 2016-17 are as follows:

Women Empowerment Programme

A Garment Training Unit was started in the Mahila Mandhiram, Karicode to empower in inmates of Mahila Mandiram. The inmates are undergoing training in garment making, and manufacturing door mats, handicrafts and cloth bags. They are undergoing training under a lady trainer paid by the college. Ten sewing machines were donated to the garment training unit in Mahila Mandiram with the support of parents and well wishers.

Charity Work

- Extended life support to blind people. Renovated district office of the Kerala State Blind Federation.
- Onam kits were distributed to blind people. We celebrated Onam along with them.
- Encouraged blind persons to make eco-friendly carry bags and promoted the sale of the bags in the college campus and collected money for the welfare of the blind people.
- A Dress Bank was started by the cell. The cell collected clothes from students, alumni members and staff and distributed them poor homes, Gandhi bhavan and rescue centres.
- Introduced noon-meal scheme in the college and served students from deprived families.
- A Poor Aid Fund was created in the college to support students from poor families in their academic needs and to conduct the noon-meal scheme.
- A Rescue Centre started in Karicode under Social Justice Department.

Medical Aid Services

- Conducted free medical camp
- Provided free hepatitis vaccination (three courses) with the support of IMA
- Conducted early detection of oral cancer camp by self health evaluation with the assistance of RCC, Thiruvananthapuram.

- Medical help of ` 5000/- per family was given to five deserving families.

Literary Club

- A special screening of the Japanese cult movie Rashomon, directed by Akira Kurosowa, was held at the Seminar Hall of TKM College of Arts and Science, Kollam.

Media Club

- A 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 include poems, stories and paintings.
- Published weekly newsletter "Outspoken."

Women's Grievance Redressal Cell

- Women's Grievance Redressal Cell has organized JWALA-2016-women's day commemoration on 8th March in collaboration with State Social Welfare Department. Distinguished Chief Guest Dr. S. Chithra I. A. S., Assistant Collector of Kollam inaugurated the programme.
- A Cover Girl Competition for leading magazines was held at college under the guidance of Women's Grievance Redressal Cell in collaboration with Vanitha and Cuticura.
- A health awareness programme, Obesity related issues and the remedies for body weight gaining, was organized with the coordination of Harmstrings Slimming and Beauty Clinic, Kollam. Cultural programmes like skit and folk dance relating to women empowerment and women safety were performed.

Women's Study Unit

- Training programmes on various modes of art and craft are conducted. On Saturdays, training was 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 it, sessions on sari designing and churidar designing, sequence works on either of the dresses were taught. Students were also encouraged to do bead work, embossing, liquid embroidery and applica work on cloth of different materials. Designs as well as raw materials were provided for the same. An attraction of the classes is muffler making, both using the frame and knitting needles.

- Students were also given 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, generated in them the idea of reuse of such waste materials in a creative and useful way. This is considered as the best practice in management of such waste materials. Tile work, pot painting and decoration were assigned to students as a take home activity.
- The World Environment Day and the International Women's Day were observed on 6th June and 8th March respectively.
- 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 were mediated and presided over by the convener of the unit. Classes were organized on health and hygiene by the unit.

Planning Forum

- Society-oriented exercises were arranged for the students through which the local population is simultaneously benefited besides the students
- The students of the planning forum conducted a survey on the major problems faced by the local community. The results implied that improper waste management including plastic wastes and unscientific littering is the most serious social issues being faced. It was identified that improper plastic waste management and the unhygienic surroundings and related consequences need serious attention and immediate remedies, and initiatives to clean with only fifteen members of Planning Forum would be a practical impossibility. Hence as a first step, the members were made to participate in an awareness programme organized by Mathrubhumi SEED on 27th January 2017 at the Kollam Town Hall.
- A liaison was developed with the volunteers behind the programme, and an awareness programme titled LETS PLAN FOR A CLEAN ENVIRONMENT was conducted on 13th February 2017 along with the participation of Kollam "Mathrubhumi SEED" in the college seminar hall, in which an awareness was given to the local public regarding the proper management of food waste and non-biodegradable plastic wastes. The nearby residential association was made to register as a beneficiary and a collection centre for plastic wastes was arranged, which is a fruitful venture of the forum.

Environmental Club

- Campus cleaning and awareness campaigns were organized frequently. Important days such as World Environment Day-June 5, Ocean Day-June 8, Tiger Day July 29, Ozone Day-September 16, World Wetland Day February 2 and World Water Day March 22 were observed by conducting various activities.

- The club conducted World Environmental Day observance on 6 June 2016 with the support of Kerala State Council for Science, Technology and Environment (KSCSTE). The lectures were followed by a tree planting programme in the college campus and an environmental documentary show.
- Club members participated in International Tiger Day Observance organized by the Dept. of Zoology and WWF on 29 July 2016. Six selected members of the club attended the orientation programme on Bird Identification at S. N. College, Kollam, and successfully completed the Onam Bird Count Programme of WWF
- A programme on Awareness on Water Conservation was conducted on 24th November 2016 in collaboration with the WWF
- Students were encouraged to be volunteers of WWF for the cause of water conservation.
- Vegetable planting in campus was conducted jointly by Environmental club, Nature club and ASAP as a part of Haritha Keralam project during December 2016.
- Water conservation posters provided by WWF were distributed to students and advised them to display the posters in public places.

Science Club

- Science Quiz
- Science Activities- Water Quality Checking
- National Science Day Celebration

Sports Club

- Coaching and practicing the basic specific skills of following sports events a) Shuttle badminton b) Volleyball c) Foot ball d) Cricket e) Basket Ball f) Athletics g) Table Tennis h) Chess i) Weight training
- General and Specific Fitness workout
- Participating in district and University Tournaments.
- Practice Matches.

Health Club

- Theory and Practicals: a) General Health education b) Anatomy and physiology c) Nutrition d) Postures e) Fitness f) Exercise and Lifestyle Diseases g) First Aid h) Test and measurements i) Counselling

Debate Club

- Debate club tried its best to make students participate in various competitions held inside and outside the college.

Human Right Forum

- Conducted debate on relevant topics, poster presentations (collage), environmental day celebration, conducting seminars, talk on social issues, guessing the image and other such games. The students of human right forum have conducted a one day training programme titled Elimination of child labour through education on 21st February 2016.

Culture Club and Performing Arts Club

- Culture club arranged Onam Fest and competitions on 9/9/2016. Athappookkalam competition was held in which members of culture club actively participated. College union inauguration and film festival were conducted on 6/3/17. Culture club and performing arts club jointly conducted college arts festival from 8/3/17 to 10/3/17. Literary and artistic talents of the students were revealed in the various competitions. All the departments actively participated in it. Students of the club co-ordinated all the programmes, and made these events a grand success. College day celebrations were conducted on 27/3/2017 in which prizes were distributed to arts festival winners officially. Culture club and performing arts club together conducted Ganamela of the first official music band of T.K.M. College namely IDAKKA. Both these clubs actively engaged in making the students participate in the University youth festival from 27/3/2017/ to 30/3/17 at Trivandrum. Our students participated in various competitions like Arabic elocution, classical music, group song, folk song, ganamela, fancy dress, mono act, oppana, thiruvathira, dugh mutt, kolkali etc. Among that oppana and Arabic elocution got third prize.

Students Service Cell

- Anti-Ragging Cell
- Tutorial System (CBCSS)
- Special Coaching
- Career Guidance–Training and Placement Cell
- Medical Inspection
- Hostels
- Canteen
- Student Chapter of Optical Society of America
- Co-operative Society.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	43631.96 sq.mts	0	Management	43631.96 sq.mts
Class rooms	49	0	„	49
Laboratories	10	0	Management	10
Seminar Halls	01	0	Management & UGC	01
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	4	07	DST	11
Value of the equipment purchased during the year (Rs. in Lakhs)	5118530	1458000	DST	6576530
Others	0	0	0	0

4.2 Computerization of administration and library

The entire administration is computerized and the library is partially automated and digitalized.

4.3 Library services:

	<i>Existing</i>		<i>Newly added</i>		<i>Total</i>	
	<i>No.</i>	<i>Value</i>	<i>No.</i>	<i>Value</i>	<i>No.</i>	<i>Value</i>
Text Books	31136	52,53,964.90	343	1,44,407.38	31479	53,98,372.28
Reference Books	2065	8,92,660.00	Nil	Nil	2065	8,92,660.00
e-Books	31 Lakhs N-LIST	--	Nil	Nil	31 Lakh	--
Journals	80	71,904.00	9	13,500.00	89	85404.00
e-Journals	6000+ N-LIST	5750.00	Nil	Nil	6000+	6750.00
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil
CD & Video	60	--	12	--	72	--
Others (specify) Reports	150	--	50	--	200	--

4.4. Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	133	03	11 mbps	01	03	12	11	0
Added	9	0	0	01	01	0	0	0
Total	142	03	11mbps	02	04	12	11	0

4.5. Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

The college is ICT-enabled, all the departments posses computers and optical fibre internet connectivity and Wi-Fi.

A computer lab is set up. The ground floor class rooms and hallways are equipped with cameras and there are video recording devices.

4.6. Amount spent on purchase and maintenance in lakhs:

i) ICT	3.3
ii) Campus Infrastructure and facilities	23.5
iii) Equipments	14.58
iv) Others	0
Total:	41.38

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC has taken various steps to enhance awareness about student support services. The following are the important among them:

- a. It gives awareness about the college prospectus which throws light on various academic programmes and eligibility criteria, fee structure etc.
- b. It gives awareness on college calendar which give comprehensive details on college-history, management, vision and mission, departments and staff, academic programme , Course details, university examinations academic calendar fee-structure internal-examination, co-curricular activities, grievance redressal mechanisms etc.
- c. It gives awareness on various financial assistance scholarships and medical assistance to SC/ST, OBC and economically weaker section of students.
- d. It provides opportunities for skill development programmes, coaching classes for competitive examinations, support for physically challenged, awareness on overseas students, participation in various competitions and help for slow learners etc.
- e. A significant feature of the college is the availability of numerous academic, co-curricular and career-related programmes in the institution. The college conducts Walk with a Scholar (WWS), Student Support Programme (SSP), Additional Skill Acquisition Programme (ASAP), Civil Service Coaching Programme (CSCP), Preparation Programme For Writing National Eligibility Test (NET) and State-Level Eligibility Test (SET). The IQAC ensures that every single student of the college becomes keenly aware of these programmes.

5.2 Efforts made by the institution for tracking the progression

The institution makes consistent efforts through the IQAC to track the progression. It prepares regular plans for every academic year and gives clear cut directions and instructions to the teachers and students. The IQAC carries out constant observation and take steps for rectification.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others	Total
1424	191	07	0	1622

(b) No. of students outside the state

03

(c) No. of international students

04

No	%
433	26.7

Men

No	%
1189	73.3

Women

Last Year						This Year					
General	SC	ST	OBC	Total	Physically challenged	General	SC	ST	OBC	Total*	Physically challenged
301	224	1	926	1452	3	458	222	3	939	1622	10

*NB: Ph.D students are not counted

Demand ratio: 1:87

Dropout % : Less than one percent.

5.4. Details of student support mechanism for coaching for competitive examinations (If any)

- The college has been conducting free UGC sponsored coaching programmes since 2009 to help students to appear for UGC-CSIR, NET, IES and BSRB examinations
- Regular classes are conducted to coach candidates for the civil service examination
- The library has been revamped and its facilities enhanced keeping in mind the needs of the aspirants for competitive examinations.
- The college has a placement cell which helps students to secure suitable employments.

85

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	11	SET/SLET	0	GATE	02	CAT	01
IAS/IPS etc	0	State PSC	03	UPSC	0	Others	06

5.6 Details of student counselling and career guidance:

- College has a Counselling Cell
- Trained Counsellors are available among the teaching staff of our college. Along with the faculty advisors they provide personal counselling services to the students.
- There is a career guidance cell in the college and it offers career counselling to students, prepares them for interviews and helps them to secure placements.
- The faculty advisors identify the students who need psycho-social counselling.
- External experts are invited to conduct counselling sessions
- The counselling is open to outsiders as well.

No. of students benefitted: 51

Girls	Boys
43	8

5.7. Details of campus placement:

		<i>On Campus</i>	<i>Off Campus</i>
Number of Organizations Visited	Number of students registered	Number of Students Placed	Number of Students Placed
03	502	56	29

5.8 Details of gender sensitization programmes

- On the opening day of every academic programme, a session is conducted to sensitise the newly-admitted students regarding gender issues.
- Women Cell and Sexual Harassment Prevention Cell and Grievance Redressal Cell organise regular programmes to heighten the awareness and sensitivity regarding gender related issues.

5.9 Students Activities: Students actively participate in various programmes as part of different club activities.

5.9.1. No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2. No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10. Scholarships and Financial Support

Financial Support	Number of students	Amount
Financial support from institution	153	2.71 lakhs
Financial support from government	283	16.45 Lakhs
Financial support from other sources	4	25000
Number of students who received International/ National recognitions	0	0

5.11 Student organised / initiatives:

Fairs : State/ University level National level International level
Exhibition: State/ University level National level International level

5.12. No. of social initiatives undertaken by the students:

5.13 Major grievances of students (if any) redressed:

There is a grievance redressal mechanism in the college. The grievances of the students is first considered at the level of tutor and then by the HOD. Usually the redressal is effectively carried out at this level. If not, the matter is referred to the grievance redressal cell. The following grievances were reported and redressed by the cell during this academic year:

1. Demand for incinerator in the ladies room
2. Grievances regarding grace marks.
3. Need for more bath room facility in the women's waiting area.
4. Inadequate fans in classrooms.
5. Lack of space in the hostel kitchen

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION: The Vision of TKM College of Arts and Science is to achieve supreme excellence in academic and non-academic 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: The College strives 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.

6.2 Does the Institution have a Management Information System?

The College has a central data-base of students and staff which comprises comprehensive details of the learning and teaching stakeholders of the institution. For the time being, as the number of students is less than 1500, and the number of teaching and ministerial staff together less than 125, there is no plan to implement MIS immediately. However, we are in the process of incorporating certain features of Management Information System for strategic and higher level administration.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The institution is an aided college affiliated to the University of Kerala. Hence curriculum development does not fall under its power ambit. Curriculum design and development process is undertaken by the University of Kerala and the Kerala State Higher Education Council and our teachers participated in discussions relating to curriculum design, conduct of workshops in our campus and attended workshops organised at other venues and played a crucial role in the process. Above all, the college is strongly represented in various academic bodies of our University like Academic Council and Board of Studies.

6.3.2 Teaching and Learning

- The institution has adopted a comprehensive and holistic approach to the teaching learning process, grounded on the conviction that the same is not a part time activity confined to the class room, but a round-the-clock experience, the student picking up knowledge, wisdom, insight, and skills from all around her
- The IQAC is the highest academic body of the Institution which monitors, evaluates and inspires the academic process—teaching-learning and evaluation and attempts to

internalize and institutionalize quality and raise the institution to the highest level of excellence.

- We carefully follow the admission procedures mandated by the Government of Kerala and the University of Kerala and the procedures are transparent and well advertised.
- With the introduction of the CBCSS, teaching-learning has become more student-centric and interactive. There are 16 Social Extension Activity Clubs to tap the creative energy of the students and shape them into better citizens of our motherland.
- Teacher quality is ensured by appointing the best available faculty, providing a congenial work atmosphere, support for quality enhancement and renewal and recognition for achievement.
- Teacher evaluation is done through student feedback, self-appraisal and informal mechanisms such as peer evaluation, confidential report, parent feed-back, alumni-feed-back etc. and the same is utilised for quality sustenance and enhancement.
- There are specific learning outcomes for the UG and the PG programmes as well as for each individual course and the institution utilises all its resources to ensure that these outcomes are attained.

6.3.3 Examination and Evaluation

The institution believes that testing and evaluation should not be an activity confined to the end of an academic programme, but a phenomenon parallel to the teaching-learning process. The academic performance of students is constantly evaluated through end semester examination conducted by the University and the evaluation of the answer scripts is usually carried out in centralised valuation camps. Dates of examinations, valuation camps, announcement of results revaluation details are announced by the University. The continuous evaluation comprises test papers, seminars and assignments. The semester examination schedules are notified by the University. Class tests, which are centrally organised by the college, are notified through the notice board and the public address system. Seminars and assignments, projects play a nodal role in the learning-evaluation process. Internal examination, valuation and result publication dates are fixed by the college as per University calendar and announced through the public address system and published on the notice board.

6.3.4 Research and Development

Research and development and teaching and learning are the two academic processes that raise an institution to intellectual excellence. A vibrant research committee gives leadership and guides the research and development activities of the institution. The major recommendations of the committee are the following-

- a) Every teacher to undergo MPhil or PhD course on a full-time or part-time basis, if s/he does not possess a research degree and according to that teacher registered for PhD course work.
- b) Every teacher to participate and present papers in regional, national and international seminars.
- c) Every teacher having a research degree to initiate steps to become recognized research guide.
- d) Faculty shall be encouraged to undertake a minor or major research project.

To strengthen the research culture and generate a scientific temper among the students we have done the following-

- The research journal- '*Re-journal*' is being published by the college.
- Seminars and workshops are organised.
- PG and UG students are motivated to visit research institutions.
- The departmental associations of the science department are encouraged to organize appropriate activities.
- The nature club, the environmental club and the science club are inspired to organize appropriate activities.
- Research Consultancy: The instruments ordered with the help of DST-FIST funding will be installed and the use can be extended to nearby institutions.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The major infrastructural facilities of the Institution are as follows-

- Computer centre and Wi-Fi enabled campus.
- Botanical garden
- Reprographic centre.
- Open stage for performing arts.
- Fully equipped sports centre and renovated gymnasium.
- Yoga centre and Open-air theatre.
- Parade ground.
- Swimming pool under construction with UGC aid.

- Air-conditioned conference room with a capacity of 30 seats and an air-conditioned digital seminar hall with 300 seats.
 - ICT enabled PG and science UG class rooms.
 - Well-equipped laboratories.
 - 120 desktops, laptops, three over head projectors(OHP) fourteen LCD projectors, one slide projector, three scanners and one digital camera.
 - Internet facilities in all departments.
- We have a well equipped, full automated library which has an area of 7.12 sq.mts and it holds nearly thirty five thousand books. Its layout includes individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources, career desk, current affairs desk and newspaper boards. Online Public Access Catalogue (OPAC) is available in the library and we have INFLIBNET
 - The Institution has a comprehensive overall infrastructural development policy. Whenever the Institution feels that some infrastructure enhancement is needed, the matter is put forward to the college planning committee. There it is thoroughly thrashed out, and given tangible shape. Then the same is discussed at the levels of IQAC and the college council. The decisions are conveyed by the Principal to the Management and the Management acts on the same. The institution attempts to make comprehensive use of the funds for infrastructure development available with the Government of Kerala, UGC and other such bodies.

6.3.6 Human Resource Management

The motto of the college in the area of human resource management is “Everything out of every bit”. Our college is a very small community which consists of about one hundred staff including the teaching and non-teaching and nearly 1700 students. The optimum utilisation of the teacher’s abilities, in the field of teaching, research and extension activities are done without any compromise. In the same way non-teaching staff are the backbone of the administration. So beyond any doubt their time and energy could be utilised. Likewise the contribution of PTA /FSA/FORT also may be counted in the larger interest of the institution.

6.3.7 Faculty and Staff recruitment

The appointment process is strictly according to Government/University/UGC norms and highly transparent. Merit is the sole criterion for appointment without losing focus on social commitment.

6.3.8 Industry Interaction / Collaboration

In sync with the motto” Learn in order to apply” the college is powered by the conviction that all knowledge has ultimately to manifest itself in practical applications. The institution believes in intensive institute-industry interface.

The college signed an MOU with the Department of Higher Education, Government of Kerala on 2013 for organizing Additional Skill Acquisition Programme (ASAP). The Institution has been very successfully hosting the ASAP summer school every year since then. The college is an institution which is offering various skill development programmes sponsored by the UGC, the University of Kerala and the Government of Kerala.

6.3.9 Admission of Students

As the college is a Government-aided institution affiliated to the University of Kerala, admission to various programmes is strictly based on the norms laid down by the University and the Government of Kerala. The admission process-issuing of application forms, date of interviews, commencing of classes is decided and communicated to the college by the University. The information is made available through the website of the University, newspapers, the visual media and the college prospects. The whole admission process is merit-based and transparent. The University of Kerala and the Government of Kerala have fixed norms for admission as per the table given below:

SEAT ALLOCATION		
Sl No	Category	Percentage of Seats
1	General/ Open merit	40
2	Community which runs the college (Muslim minority)	20
3	Scheduled caste (SC-15% and ST 5%)	20
4	Management Quota	20
5	Sports Quota	1 No. for each science subject and 2 Nos. for commerce and arts (over and above the sanctioned strength)
6	Differently abled	03 (over and above the sanctioned strength)
7	Total	100

Minimum Marks for Admission		
Category	Under-Graduate	Post-Graduate
General/Open merit	A pass in qualifying examination	45% marks for MA, M.Com, and 55% for MSc in the qualifying examination

OEC/OBC	A pass in qualifying examination	43% marks for MA, M.Com and 53% for MSc
SC/ST	A pass in qualifying examination	A pass in qualifying examination

6.4 Welfare schemes for teaching and non-teaching staff and students:

- TKM College of Arts and Science is more a family than a college. It is part of the larger TKM Group which can be seen as a joint family in which the Arts College is a unit. The welfare of the students and the staff, teaching and non-teaching is of paramount importance to the institution.
- The institution attempts to provide comprehensive financial support to students and about 93% of our students are getting one or other scholarship or fee concession, stipend, financial assistance from the Government, university or from the college. The students of our institution get medical assistance for which a first-aid cell is attached to the Physical Education Department. There is a part time doctor in the service of the college hostels. There is group insurance scheme for students with New India Insurance Company. The students are also covered by a safety insurance scheme of the University of Kerala. The college conducted coaching classes for candidates preparing for CSIR, UGC, NET BSRB RRB IES and PSC examinations. Text books and note books were distributed free of cost to needy students and subsidised canteen facilities are available to students. Free noon-meal scheme is available to BPL students. There is a mechanism for taking students who fall ill during working hours, to hospitals and after that to their homes, at the expense of the college PTA.
- All members of the teaching and the non-teaching staff are covered by Provident Fund (PF) benefit, State Life Insurance (SLI) and General Life Insurance (GLI). They get loans from the college co-operative credit society at a reasonable interest and they can purchase goods on credit from the college consumer co-operative society. In case of medical emergency amounts are collected from the staff to help the sufferers. Children of the staff are given preferential treatment for admission through the management quota in all the institutions of the TKM group.

6.5 Total corpus fund generated: Fund is generated when and where necessary.

6.6 Whether annual financial audit has been done Yes ☒ No ☐

6.7 Whether Academic and Administrative Audit (AAA) have been done?

Audit Type	External	Internal
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	Yes/No	Agency	Yes/No	Authority
Academic	No	NA	Yes	IQAC
Administrative	No	NA	Yes	IQAC

6.8. Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes ☐ No ☒

For PG Programmes Yes ☐ No ☒

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

As an affiliated college the institution has to be part of the testing and evaluation system drawn up the university. Conducting examinations and its reforms are at present not in the agenda of the college. It is done by the University. But definitely the affiliated colleges also get an opportunity to contribute their part in the examination process and its reforms. We are doing it by sending our representatives in the various bodies like board of studies, academic councils, senate and syndicate of the University.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The state government has been taking various steps to promote autonomy in the affiliated colleges. The Government and the University have invited applications for autonomy from the colleges which got 'A' grade in the NAAC accreditation process. Since our college is accredited with 'A' grade and a CGPA of 3.13, we have applied for autonomy and it is being processed.

6.11 Activities and support from the Alumni Association:

A pride of the institution is its alumni association which has national and international chapters. The college has an active and vibrant Alumni Association. It gives nearly 20 scholarships to the students every year. The other important activities of the Association are: It regularly conducts state-level essay competition for arts and science college students every year. It honours PhD awardees and rank holders of the college, staff members on their retirement, outstanding former students in their performance in various fields. It also contributes to the infrastructure of the college. The alumni association takes the initiative to bring together the former students of the college of various batches under regional chapters.

6.12 Activities and support from the Parent – Teacher Association

The PTA plays a prominent role in the welfare schemes that are made available to students by the institution. The following are the important activities and support that the PTA provides for the welfare of the college and students:

1. The PTA is deeply concerned about the academic achievements of the institution and it organizes the merit day every year in which the toppers among students and the achievers among teachers are honoured.
2. It donates money for the infrastructural development of the college.
3. It gives awards to the best performing students both in academic and co-curricular activities.
4. There is an arrangement in the college for taking students who fall ill, during working hours to hospital and after that to their homes, at the expenses of the college PTA.
5. It gives suggestions and recommendations for the infrastructural, academic, co-curricular and cultural development of the college.
6. With the help of the PTA we conduct class-wise parents meeting so that it is convenient to us to discuss the behaviour and academic progress of the students with their parents.

6.13 Development programmes for support staff

There are various welfare and development schemes made available to the support staff and some of them are as follows-

- 1 They are covered under the Provident Fund (PF), State Life Insurance Scheme(SLI)and Group Insurance Scheme(GIS)
- 2 They get low-interest-loan from the College Co-operative Credit society.
- 3 They get margin-free stationery and provisions from the College Consumer Co-operative Society on credit.
- 4 If any medical emergency arises amounts are collected from the entire staff of the college to help the sufferer.
- 5 Their children get preferential treatment for admission through management quota in all the institutions of the TKM group of institutions.

6.14 Initiatives taken by the institution to make the campus eco-friendly.

The eco-friendly campus of the institution has been attained through the following measures

- a. The college functions in a campus in which trees are protected and greenery is maintained.
- b. Carbon neutrality is maintained in the campus since carbon dioxide emitting systems are not used in the campus except in the canteen and in the chemistry-labs.
- c. E-waste management is effectively carried out in the campus since the college practises the buy-back system in the matter of computers and other electronic equipments.
- d. Rain water harvesting.
- e. Waste management is carved out in such a way that there is no eco-damage.
- f. Distribution of saplings with NSS support is done every year.
- g. We have a botanical garden which follows the *insitu* model conservation
- h. We have planted maximum number of saplings in the campus.
- i. Plastic free campus
- j. Special effort is taken to plant and maintain traditional Kerala trees.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- With every succeeding academic year, the student gender ratio is steadily tilting in favour of girls.
- As part of its efforts to ensure women's empowerment, the Management favours the appointment of women candidates to teaching and non-teaching posts, all other things being equal.
- The college has an Anti-ragging Cell, a Sexual Harassment Protection Cell and a Women's Study Centre. As a result, the girl students are aware of their rights and the college is a safe and secure place for girls and women.
- Free mid-day meal scheme has been organised and the same is a blessing for needy students
- **Additional Skill Acquisition Programme (ASAP)**

Additional Skill Acquisition Programme (ASAP) is an ingenious undertaking by the Higher Education and General Education Department, Govt. of Kerala that focuses on delivering skill and value based education to Higher Secondary and Undergraduate students.

TKM College of Arts And Science joined hands with ASAP in the year 2014 and became the Training Partner Institution (TPI) of ASAP. The college is having two programmes under ASAP. One is the regular one year programme for the selected first year degree students of TKM College and the other is the 21days residential programme for a selected batch of students from all over Kerala. The college has trained more than 100 students in the regular programme and the process still continues. Every year a batch of 30 students will be selected and trained. The 2016-17 ASAP batch started with 30 students and they were given the option of five Skill Course mentioned below.

1. Certified Accountant Course (CAT) - Accounting
2. Assistant Fashion Designer- Fashion Designing
3. Accounts Executives - Receivables and Payables- Accounting
4. Warehouse Supervisor-Logistics
5. Test Engineer-IT&ITES

From the very first batch till the recent one, the College ASAP team has ensured full participation in programmes and also took initiatives in the procession with regard to Kerala University Youth Festival, 'Harithakeralam' and the Summer Skill Programme of ASAP were conducted successfully. The college was appreciated by ASAP for the participation of maximum number of candidates for Skill Training Programme.

- **The Communicative English Trainer Scheme (ASAP- TPS-CET)**

The Communicative English Trainer Scheme conducted by Additional Skills Acquisition Programme, Kerala is a venture aimed at improving the communication and soft skills of final year undergraduate and post graduate students. TKM College of Arts and Science, Kollam has been hosting the ASAP CET scheme for the past five years and has been listed as one of the Training Partner Institutions by ASAP. In 2017 also TKM College of Arts and Science hosted the CET scheme. The process was initiated in February when the college was the venue of a centralized selection centre for students from colleges all over Kollam. Officials from ASAP shortlisted the eligible candidates after group discussions and interviews. 21 students from TKM were shortlisted in this selection process. The CET camp at TKM College started on April 29, 2017. A total number of 29 students registered for the camp from various colleges in South Kerala. Three faculty members from the English Department were entrusted with the conduct of the training programme. Two IT faculty members were assigned to assist them in the conduct of the IT training sessions. The residential training programme started on 29th April 2017.

- **Walk With Scholar Programme (WWS)**

The Walk with a Scholar programme, an innovative programme of the Department of New Initiatives, Government of Kerala, was implemented in the most befitting manner in T.K. M. College of Arts and Science in the academic year 2014-15 and continues its successful journey. It served as the perfect platform to mould the scholars, as envisaged

by the WWS-team of the institution. The topics for Internal Mentoring and External Mentoring were chosen after carefully assessing the varied needs of the mentees. Special care was taken to see that the aptest ambience was provided for each Internal and External Mentoring session. All sessions were highly beneficial to the Scholars.

The scholars for this programme were selected on the basis of this interview, merit and interest. Thirty students were selected from various departments. They were grouped into five batches of six students and assigned to the Internal Mentors.

The Internal Mentors for the programme were selected by the College Council. The sessions for Internal Mentoring were arranged by the Internal Mentors and their Mentees, according to their conveniences without affecting the regular classes of the Mentees.

In a meeting of WWS-team, External Mentoring topics and the External Mentors were identified and special care was taken to assure that the External Mentors were from different disciplines. External Mentoring sessions were arranged in such a way that the Mentees could overcome their weaknesses such as stage fear, mother tongue interference, and psychological problems.

The External Mentoring sessions were started on the first Saturday of February 2017. All External Mentors took a keen interest in the programme and their special care helped the scholars to overcome their weaknesses. Tremendous emphasis was taken to motivate and create greater confidence among the Mentees, so as to equip them to meet the needs of future opportunities.

- **Scholar Support Programme (SSP)**

The Government of Kerala had launched the Scholar Support Programme(S.S.P.) in all government and aided colleges. The Scholar Support Programme envisages to extend support to students of undergraduate level with timely assistance in terms of tutorials, additional lectures, interactive sessions, question banks and study materials. Students who have obtained less than 60% marks in qualifying examination or in any subject for each semester can join for the Scholar Support Programme. Feedback of students and their performance will be reviewed. The programme is implemented by the Directorate of Collegiate Education. Funds have been allotted for the implementation of the programme for fifty selected students of the college. The S.S.P. programme in T. K. M.

College of Arts Science was started in the academic year 2016-2017. The programme definitely helps the backward students score good marks in the examinations.

- **F-Talk (Faculty talk)**

The department of Mathematics in a meeting on 06/01/2017 decided to organize talks on every third Friday of each month, on innovative topics in Mathematics. In it, each faculty in the department presents a talk of at least 30 minutes in their turn

- **Career Guidance – Training and Placement Cell**

Career guidance helps to equip students to survive in the highly competitive world of today. It conducts coaching programmes targeted at the various competitive examinations and invites experts to deliver talks that strengthen student's awareness of career possibilities. A very active Training and Placement Cell is functioning in the college. The cell extends full support to the students for placement. It conducts coaching classes free of cost for various competitive examinations conducted by UPSC, PSC, scheduled banks etc. TCS, INFOSYS, WIPRO, MRF and other corporate units conduct campus recruitment every year.

The training and placement cell of TKM college of Arts and Science and the department of national employment service with the employability centre, Kollam jointly organised a mega job fair “ DISHA 2016” on 21st October 2016. In the job fair, 48 prominent employers with more than 600 vacancies were registered. In that event 2720 candidates attended for the job interview, 1064 candidates were shortlisted for second round of interview and 583 candidates were placed.

- **Extension and Outreach Activities**

- Healthcare programmes, garment making units, constructed and donated houses for poor, deserving families, educational scholarships for children from backward communities and SC/ST, promoting vegetable farming in adopted villages in the vicinity of the college. The Community Service Cell is functioning in the college to monitor all these social commitments.
- Steps are being taken to organise research consultancy in the institution. The necessary instruments have been ordered with the help of DST-FIST funding. Consultancy is scheduled become operative in the next academic year.

- A research tie-up with a fellow of Stanford University has already been initiated in this area. This must be strengthened.
- 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
- 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. Students to this coaching endeavor are selected through aptitude test to ensure their quality and competence. Eligible faculties from the Civil Service Academy of Kerala engage classes.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

- Activated IQAC activities.
- Under the leadership of the Principal and the Co-ordinator of IQAC, various committees functioned as part of decentralization initiative of the institution.
- Heads of the Departments and the entire teaching faculty were oriented regarding the efforts of the institution to enhance quality.
- Non-teaching staff and students were inspired to work in sync to attain institutional goals.
- Action was taken to develop and improve the infrastructural facilities of the college.
- Meetings of various organisations like PTA, FSA, and FORT were held regularly.
- Sent the teachers to attend seminars and workshops conducted at various parts of our country.
- Activated sports, arts and cultural activities.
- The human rights forum and the grievance redressal cell are active in the college

- Research consultancy services and collaboration attempts are initiated
- Various programmes for career development were introduced

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Title of the practice: 1) Integrating the institution with the regional community

2) Strike-free campus

3) Green campus (Plastic banned Campus)

****Provide the details in annexure (annexure need to be numbered as i, ii, iii)***

7.4 Contribution to environmental awareness / protection

We have taken the following steps to generate environment consciousness among the staff, students, parents and the other stake holders of the college:

- Plastic-free campus: At the beginning of the academic year, the college was declared a plastic free campus. Strict instructions have been relayed to the students and staff not to bring plastic covers, bags and wrappers into the college campus.
- Energy conservation: The institution prefers only those instruments which have five-star rating in energy consumption. Attending staff are given strict instructions to switch off lights, fans and electrical equipments wherever possible. Teachers and students are motivated to practise less use of energy.
- Green campus: The College is now in the process of converting its campus into a green campus. Trees are planted wherever possible. Greenery is encouraged. Special care is taken to plant the traditional trees of Kerala.
- Water harvesting: The institution has installed rain harvesting mechanism which partly takes care of the water needs.

- Efforts for Carbon neutrality: Carbon dioxide emitting systems are not used in the campus except in the canteen and the chemistry labs.
- E-Waste management: The College practices the buy-back system in the matter of computers and thus, it does not generate e-waste.

7.5 Whether environmental audit was conducted?

☐
☒

7.6. Any other relevant information the institution wishes to add. (For example SWOT Analysis)

A summary of the informal SWOT analysis carried out by the college is given below-

I. STRENGTHS

- Extremely supportive Management.
- Highly appreciative leadership quality of the Principal.
- Well qualified, ambitious and enthusiastic faculty.
- More than 60% of the faculty hold research degree, either M.Phil or PhD.
- We have three research departments and 10 recognised guides.
- Very good infrastructural facilities for academic and non-academic activities.
- Well trained and resourceful support staff.
- Highly disciplined student community,
- Wholehearted support from the PTA, FSA and FORT.
- Modern technology based teaching -learning and administrative mechanism.
- Efficiency of the campus connectivity increased by installing optical fibre technology

II. WEAKNESSES

- Lack of administrative autonomy so that we cannot take decisions when and where necessary.
- Lack of financial assistance from the Government and other agencies so that we cannot move according to our plan.

- Delay in getting financial aid from UGC.

III. OPPORTUNITIES

- Ever increasing demand of Arts and Science Courses in the society as it is less costly and most affordable to even the weaker section of the society.
- Increased attraction for qualified future faculty.
- More and more technology based teaching-learning process.

IV. THREATS

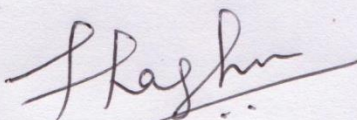
- Government move to shift the aided system gradually into unaided system.

8. Plans of institution for next year

- Attempts to enhance of all present PG departments to the status of Research Centre were initiated last year and the attempts from part of university / government should be keenly followed.
- Proposals were already submitted to the Government for upgrading UG Departments to PG Departments and to start new courses in both science and arts streams.
- Conduct national and international seminars every year
- Introduce more Academic and community Extension Programmes
- Plan to make a three-storied building, by the financial assistance of RUSA, for a research block for promoting research and development.
- Plan to reconstruct the auditorium with ICT enabled theater.
- Make use of more and more technology-based innovative teaching methods.
- Total commitment and dedication to complete the syllabus within the given time and equip the students for the university examination.


- Conduct Seminars/workshops (regional/state/national/international) as much as possible by achieving the financial support of UGC and other agencies.
- Encourage the faculty to participate in seminars/workshop and other related programmes to be held at anywhere in India.
- Try to attain UGC fund for the infrastructural development and for the curricular and co-curricular activities of the college.
- Take necessary steps to increase the central library books to 50,000 and make the library more techno-centric.
- Provide more and more financial help to the meritorious poor students.
- Encourage students to participate in the co-curricular activities and to score more achievements in the University, State and National level competitions.
- Develop the infrastructure of sports more effectively and encourage the students to make sports and games part of their life.

Signature of the Coordinator, IQAC


Dr. A. Raghu



Signature of the Chairperson, IQAC


Prof. Shajitha S
Prof: SHAJITHA. S
Professor in Charge of Principal
Drawing & Disbursing Officer
TKM College of Arts & Science
Kollam - 691 005, Kerala

Annexure III

I. Title of the Practice: Opening the door of opportunity to a rural area

As has already been pointed out, the college is located in Kottamkara panchayat which is a rural area. One of the fundamental causes for which the institution is run is rural empowerment. The college attempts to bring opportunities to the students who come from the region around the college which is a rural area. First of all, the college ensures that 95% of the students receive scholarship from the central government, or the state government, or the college itself, or from any other funding agency. This is because the majority of the students come from socially and economically backward sections of society and many of them are first generation college goers. Without financial support they may not be in a position to carry out their studies. At the time of admission, an orientation class is given to the students in order to heighten their awareness and sharpen their vision. Students from rural areas are generally unable to perform as well as students from urban areas. Keeping this in mind, the college conducts regular remedial courses for identified students in each batch. The college has been regularly hosting the Additional Skill Acquisition Programme (ASAP) of the Government of Kerala. Students from a rural area are frequently lacking in exposure. To overcome this problem, the college decided to host the Walk with a Scholar (WWS) programme of Government of Kerala. Coaching classes are organized by the college for NET/SLET/UPSC/SSC/PSC/Bank Tests. Carrier Oriented Add-on Courses are conducted in science, humanities and commerce. Coaching classes for civil service examination is conducted for the students of regular and open stream. Students from rural areas are given special incentives.

II. Title of the Practice: Strike-free campus

The institution aims to make the campus absolutely strike free. The goal is to ensure that not even a single working day is lost due to student agitation and that full use is made of the

working time. The college had a highly politicized campus. Students were divided into groups along political lines. Strikes were frequent. There was constant disruption of work. There were also repeated clashes and violence. At present, the institution does not permit student strikes. Whenever there is a possibility of student agitation, the Principal and senior teachers conduct discussions with the students and diffuse the situation. It has to be conceded that the practice is operative under severe limitations. For example, when there is a general strike, hartal or bandh affecting the life of the entire state, the college is forced to suspend work. Similarly, when the local, political situation becomes volatile, there may be disruption of working in the campus. However, such instances are rare and the college now functions on most of the working days, being a strike-free campus. Before the implementation of the best practice, a large number of working days were lost due to student strikes every year. In recent years, not even a single day was lost due to Strike. Thus, there was a significant expansion of the volume of the teaching-learning process. There was fierce opposition from the student organizations and the local politicians when the attempt was made to introduce the practice. Several rounds of discussion between the college authorities on the one hand, and the representatives of the organizations on the other, ended in failure. Finally, the college was constrained to approach the Hon'ble High Court of Kerala by filling WP(C) No. 21849 of 2003A. The Hon'ble High Court gave a ruling in favour of the college and on the strength of the same; the institution has been able to introduce and establish this practice. It may be observed that the best practice was born of conflict. However, over the years, we have been able to develop a very cordial relationship with our students. We ensure that all the reasonable aspirations and complaints of our students are addressed effectively. We are proud to point out that, at present, we enjoy a perfect rapport with our student community.

III. Title of the Practice: Integrating the institution with the regional community

The vision of our founder was not merely the achievement of academic and intellectual achievement but also the expression of social commitment. In line with this vision, the college carried out a slew of outreach activities as part of its passionate efforts to integrate the institution with the regional society it is part of. The NSS units of the college gave focused attention on the adopted village. More than 100 hours of 'sramdhan' was completed. The volunteers of the college took active part in the 'Swatch Bharath Abhiyaan' cleanliness drive – a five day programme. Vibrant support was given to the 'Mahila mandiram' at Karikode. A garment making unit was started there. Sewing machines were donated to the 'Mahila mandiram'. A house was gifted to a deserving student of the college. Voice donation was carried out in which books were read and recorded for the use of blind students. A series of health camps including an oral cancer detection camp, a blood grouping camp, a blood donation camp and a hepatitis B immunization camp was held. As part of its gender sensitization effort, the NSS unit of the college conducted a street play on the subject of gender justice. The unit also staged a road show titled ' Laharikkethire yuvatha' in order to raise awareness regarding the evil of intoxication. The college believes that it is not an island cut off from society but a creative node fully integrated into society.

Annexure IV

Calendar of Events - Latest First	
Orientation programme for teachers of TKM Public School	22/5/17 to 24/5/17
Annual Get-together of Former Retired Teachers Association (FORT) was held.	20/05/2017
21 - day ASAP – Summer Training on CET programme – Valedictory function was held.	19/05/2017
21 - day ASAP Summer Training Programme, Inauguration held	29/04/2017
Annual Send-off and get together held	31/03/2017
College Day Celebration 2017, inaugurated by Dr. S. Chithra, Assistant Collector, Kollam	27/03/2017
World Consumer Rights Day observation organized by Department of Commerce was held.	15/03/2017
π Day organized by Department of Mathematics was held.	14/03/2017
Arts Fest-2017 held. Adv. V. Rajendra Babu, Hon'ble Mayor, Kollam Corporation, Dr. Satheesh Bino, Kollam City Police Commissioner and Dr. Reji Pillai, film artist visited the college in connection with Arts Fest-2017	08/03/2017
Women's Day celebrated jointly organized with District Welfare Department and Women's Cell of TKM College of Arts and Science.	08/03/2017
Annual Day Celebration conducted by TKM Centre. Cine Artist Sri. Tini Tom visited the college in connection with the programme.	04/03/2017
Film Festival organized by Students Union was held.	06/03/2017
Literary Competition organized by Students Union was held.	02/03/2017 & 03/03/2017
Awareness class organized by Planning Forum on 'Plan for Environment Cleanses' held.	03/03/2017
Special Session on Plantation Economics organized by Department of Botany was held.	02/03/2017
Annual Sports Meet	28/02/2017
Founders Day – Intercollegiate competitions rescheduled to be held.	25/02/2017

Commemoration of Sri ONV was held.	22/02/2017
Science Day Celebration was conducted.	21/02/2017 to 23/02/2017
Human Rights awareness programme held, Sri. K.E.N. Kunjahammed, Justice J.B. Koshy and Smt. Shobha Koshy were participated in Human Rights training programme.	21/02/2017
Memory Training Programme for NSS Volunteers held	18/02/2017
Debate Competition organized by Students Forum was held	17/02/2017
Founder's Day – Commemorative Talks held	18/02/2017
Two-day International Chemistry Seminar, Sri. Adv. K. Raju, Hon'ble Minister for Forest's inaugurated the programme	14/02/2017 & 15/02/2017
World Wet Land Day observed, Jb. M. Haroon, Member, TKM College Trust, inaugurated the programme.	06/02/2017
ICICI campus interview held	07/02/2017
Kerala PSC Examination conducted in college	04/02/2017
Golden Jubilee Valedictory function Inaugurated by Hon'ble Chief Minister of Kerala Sri. Pinarayi Vijayan. DST- FIST Project switched on by N K Premachandran.	28/01/2017
Infosys campus interview conducted, 342 candidates were attended online test. 35 candidates have been selected for placement.	20/01/2017
One day convention on 'Women and Law' organised by Women Cell. Justice Sreedevi, Rtd. Judge participated as Chief Guest.	14/01/2017
Kerala PSC Examination conducted in college	07/01/2017
Former students of 2000-2006 Batch's family get together, Sri N K Premachandran and Sri Noushad MLA participated in the programme	27/12/2016
Valedictory function of NSS Special Camp.	29/12/2016
National Service Scheme annual special camp inaugurated by Hon'ble Mayor Adv. V. Rajendra Babu.	23/12/2016
Launched 'Haritha Keralam' programme college level activities – inaugurated by Hon'ble Minister Smt. J. Mercy Kutty Amma, plants were distributed to students.	08/12/2016
Book Exhibition organized by DMC DC, Mathrubhumi, Current Books	29/11/2016

Global alumni UAE chapter annual meeting and family get together at Dubai	03/12/2016
Akash B. Ashok, Final Year English Literature student of our college won Amritha TV award in a programme 'Home Minister'	08/11/2016
College won Nehru Yuva Kendra Award for 'Best Debate Team' conducted by State Nehru Yuva Kendra, Elizabeth George and Sree Vind Nath participated in the competition	08/11/2016
'Speak of India' National debate competition held, programme sponsored by Mathrubhumi and Federal Bank, Elizabeth George, Final Year student of BA English Literature selected for state wise final round competition.	08/11/2016
Releasing of College Union Magazine of 2015-16, Sri. M. Mukesh MLA the chief guest of the function.	03/11/2016
Mega Job Fair, DISHA 2016 held, 43 companies and 2900 candidates were participated in the recruitment. K. Jagathamma, President, District Panchayath, Kollam participated as chief guest in the Mega Job Fair.	21/10/2016
Alumni Day - Foundation Stone Laid by Hon'ble Chairman, TKM College Trust, for the house for poor deserving family.	02/10/2016
Alumni Day Celebrated.	02/10/2016
Hepatitis B Vaccination Programme (Booster).	26/09/2016
Hepatitis Vaccination Camp organized jointly by Indian Dental Association and NSS Unit.	23/09/2016 & 24/09/2016
Rowan Courtney O' Connor, General Manager, ICMS, Sydney, Australia, visited college.	22/09/2016
Onam Celebrations	09/09/2016
NSS unit organized Awareness programme on Hepatitis B.	20/08/2016
Open Discussion on "Seven Decades of Freedom" organized by Library and Debate Club.	17/08/2016
Independence Day Celebration,	15/08/2016
Campus interview of TCS was held.	13/08/2016
International Tiger Day observed, Jb. Shahal Hasan Musaliar, Hon'ble President TKM College Trust, inaugurated the function. Seminar, Documentary Show, Quiz were conducted as a part of this programme. Rajan Mathew Varghese, State Director, World Wild Fund visited the institute in connection with the programme.	29/07/2016
1989-92 B.Sc. degree Physics batch get together programme held. Mr. M.	17/07/2016

Haroon, Member, TKM College Trust Participated In The Function	
College achieved Sahithya Puraskar Ever Rolling Trophy of University Union 2015, Akash B Ashok 4 th semester BA English student won best story writer	09/072016
Kaumudi Teacher Adhyapaka Kala Sahithya Puraskaram award ceremony was held at college. Jb. Jalaluddin Musaliar, Smt. Mercykutty Amma, Hon'ble Minister and Shri. Vishak K.B. Civil Service Rank holder 2016 participated in the programme.	19/06/2016
College NSS Units won Kerala University Best NSS Units Awards 2015. Kerala University Union Drama Fest was held Promod Payyannoor Film and Drama Director, Kureepuzha Sree Kumar – Poet and other dignitaries participated as Chief Guests in Inaugural Ceremony of Drama Fest.	17/16/2016 to 18/06/2016
World Environment Day Observed Programmes like Seminar, Documentary Film Show, Poster Exhibition, Poster Competition were held. Minon John, Actor and Environmentalist, Dr. V. S. Vijayan, Member Madhaw Gadgil Committee, Dr. Bijukumar and Dr. George D'Cruz visited college in connection with World Environment Day	05/06/2016 to 08/06/2016
Received the Best Performer Award – 2015 of Regional Cancer Centre – Hon'ble Ministers Smt. K.K. Shylaja Teacher, Sri. Kadakompally Surendran and other dignitaries were participated in the function.	04/06/2016
Koumudi Teacher Award distribution and Reading Competition 2016	16/6/2016

University Ranks

- B. Sc. Physics – I Rank - Thasneem Aslam
- M. Sc. Chemistry - I Rank - Swathy U. S.
- M. Sc. Biochemistry - I Rank-Pooja Rajan, II Rank–Aswathy A. S., III Rank – Sneha Vijayan

Awards

- Best N. S. S. unit of Kerala University for the year award
- Prof. Shajitha S. – Dept. of Islamic History - Best N.S.S. Units Programme Officer Award 2016
- National Youth Leadership Award for NSS unit

- Best poster award- Arathy *et. al.*, – Dept. of Chemistry-UGC Sponsored National Conference on Advances in the frontier areas of chemical sciences, Department of Chemistry, St. John's College, Anchal
- Best poster award- S. Anas *et.al.*, – Dept. of Chemistry-DST-KSCSTE Sponsored National Conference on Recent Trends in Advanced Chemistry Research (RTACR-2017), Department of Chemistry, S.N. College, Kollam.
- Best Poster Award by Royal Society of Chemistry – Simimole H, *et.al.*, – Dept. of Chemistry- International Conference on Tropical plants and Molecular Design
- Winners of the Principal's Medal - Proficiency Award in the academic year 2016-17 are Devika Deleep (M.A. English), Akash B. Ashok (B.A. English), Sreevindh Nath V.B. (B.Sc. Botany), Elizabeth Joseph (B.A. English), Arun Shankar (B.Sc. Mathematics) and Arif Muhammed (B.A. English).
- Ph. D. - Rajeev T. Ulahannan, Resmi K.S., Shiney A - Dept. of Physics
- Best poster award -Sumayya S.S.- Dept. of Botany- 3rd Indian biodiversity Congress held at Pondicherry
- Dr. K.N. Kurup Endowment Award -Rohini Krishna - Dept. of Zoology University of Kerala Merit Award function
- Best Performer Award for Cancer Awareness and Activities of Regional Cancer Centre, Thiruvananthapuram.
- All India Radio – Performer Award 2016-17
- KSCSTE Prathiba Scholarship 2016-17 – Fathima S, Dept. of Chemistry

Annexure V

List of National and International Publications of Our Faculty Members for the Year 2016-17

International

1. D.A. Zainuri, S. Arshad, N.C.Khalib, I.A. Razak, **Renjith Raveendran Pillai**, S.F.Sulaiman, N.S.Hashim, K.L.Ooi, S. Armakovic, S.J.Armakovic, C.Y.Panicker, C.V.Alsenoy, *Synthesis, XRD Crystal structure, Spectroscopic Characterization (FT-IR, ^1H and ^{13}C NMR), DFT studies using molecular dynamics simulations and evaluation of antimicrobial and antioxidant activities of a novel chalcone* **Journal of Molecular Structure**, **2017**, 1128, 520. ISSN:0022-2860 (Impact Factor: 1.753).
2. **Renjith Raveendran Pillai**, V.V. Menon, Y.S. Mary, S. Armakovic, S.J.Armakovic, C.Y. Panicker, *Vibrational spectroscopic investigations, molecular dynamics simulations and molecular docking studies of N'-diphenylmethyldene-5-methyl-1H-pyrazole-3-carbohydrazide*. **Journal of molecular structure**, **2017**, 1130, 208, ISSN: 0022-2860 (Impact Factor:1.753).
3. S.Arshad, **Renjith Raveendran Pillai**, D. A. Zainuri, N.C. Khalib, I.A. Razak, S. Armakovic, S.J. Armakovic, C.Y. Panicker, C.V. Alsenoy, *Synthesis, Crystal structure, Hirshfeld surface analysis, Spectroscopic characterization, reactivity study by DFT and MD approaches and molecular docking study of a novel chalcone derivative*. **Journal of Molecular structure**, **2017**, 1135, 234, ISSN: 0022-2860 (Impact Factor: 1.753).
4. e Y. S. Mary, Jojo, P. J. C. Y. Panicker, S. Armaković. S. J. Armaković, P. Brzózka, S. Krukowski, C. V. Alsenoy, Investigation of spectroscopic, reactive, transport and docking properties of 1-(3,4-dichlorophenyl)-3-[3-(trifluoromethyl)phenyl]thiourea (ANF-6): Combined experimental and computational study. *Journal of Molecular Structure* **2017**, 1134, 668-680 (Impact Factor: 1.753).
5. **S. Anas.**; R.V. Mangalaraja, S. Ananthakumar *Towards the Development of Miniaturized High Energy Field Varistors*, **RE Journal, TKMCAS**, **2016**.
6. C. J. John.; D. Manimaran.; I. H. Joe.; G. Lukose, **Sherifa Rahim**, *Structure and Non linear optical properties study of 2-Amino-5-chlorobenzophenone: A Spectroscopic approach*; **Oriental Journal of Chemistry**, **2016**, 32, 637.
7. P.K. Sanoop, **S. Anas**, S. Ananthakumar, V. Gunasekar, R. Saravanan, V. Ponnusami,

- “Synthesis of yttrium doped nanocrystalline ZnO and its photocatalytic activity in methylene blue degradation”*, **Arabian Journal of Chemistry**, **2016**, 9 S1618–S1626 (I.F.=4.5)
8. M. Jeen Maria, S. Balanand, **S. Anas**, A. Peer Mohamed, S. Ananthakumar, Zn-dust derived ultrafine grained ZnO non-linear ceramic resistors via In-situ thermal oxidation of cermet reactant mixture, **Materials and Design**, **2016**, 92, 387–396. *I.F.* = 3.501.
 9. **S.S. Sumayya**, B. Lawrence, K. Murugan K, FTIR analysis and reverse phase high performance chromatographic determination of phenolic acids of *hypnea musciformis* (wulfen) J.V.LAMOUROUX **International Journal of Pharmacy**, **2016**; 6(3): 97-104
 10. **S. S. Sumayya**, B. Lawrence, G. S. Manoj, K. Murugan, Red algae Diversity from thoothukudi and its therapeutic potentials: A search, **Indo American Journal of Pharmaceutical Research**, **2016**, 6(1), 4173-4178
 11. **S. S. Sumayya**, B. Lawrence, G. S. Manoj, K. Murugan., *Prospects of seaweeds as sources of bioactive phytochemicals: A search along coastal belts of Kerala*, **World Journal of Pharmaceutical Research**. **2016**, 5(3), 982-990.
 12. A. Roobakkumar, G. Prabu, S. Nisha, **V. J. Rahman**, A. Babu, *Mechanism of Fenpropathrin resistance in red spider mite, Oligonychus coffeae (Acarina: Tetranychidae), infesting tea [Camellia sinensis L. (O. Kuntze)]*. **Applied Biochemistry and Biotechnology**. **2016**. 181, 548-561
 13. **M. V Rohini Krishna**, M. K. Anil, P. Neethu Raj, B. Santhosh, *Seed production and growth of Neopomacentrus cyanomos (Bleeker, 1856) in captivity*. **Indian Journal of fisheries**, **2016**, 63(3), 50-56.
 14. P Neethu Raj, M. K. Anil, **M. V. Rohini Krishna** *Seasonal availability and population structure of Eurobowmaniella simulans W. Tattersall, 1915 (Crustacea: Mysida) along Vizhinjam coast, Kerala, India*. **Journal of Marine biological Association of India**. **(2016)**, 58 (1), 13-20.
 15. Shiny Salam *Demonetization – How Allied Sectors Unleash their Genies to Muddle the Sensex*, **Southern Economist**, **2017**, 55, 17 ISSN 0038- 4046
 16. Thanseenabai, *Environmental Performance: A Study*. **Southern Economist**, **2016**, 55, 5, ISSN 0038-4046
 17. Thanseenabai, *Power Availability in Kerala-A Study on the Role of KSEB*. **International Journal of Business and Management**, **2016**, 4, 9, ISSN NO 2321-8916

18. Thanseena bai *Strategies Adopted by the Industries in India to Deal with the Power Shortage****International Journal of Business and Management ISSN NO 2321-8916 vol .4***
19. Power for the Industrial Sector in Kerala and Their Problems Published was published in the International Journal for Advanced Research ISSN NO 2320-54076 on October 2016.
20. Sulfiya Samad Published a paper entitled Role of Women in the Economic Development of Kerala in Yojana Development Monthly 2016

Annexure VI

Faculty Participation in Seminar/ Symposia							
	Name	Event	Level	Programme Title	Organizer	Role	Date
1.	Ruksana Sulthana	FDP	State level	Introduction to Econometrics	TKM Institute of Management	Participation	2 nd July 2016
2.	Ruksana Sulthana	Refresher Course	State level		UGC-HRDC	Participation	02-12-16 to 22-12-16
3.	Shiny Salam	FDP	State level	Introduction to Econometrics	TKM Institute of Management	Participation	2 nd July 2016
4.	Shiny Salam	FDP	State level	“PRISM-practices and regulatory Insights: Indian Securities Market”	TKM Institute of Management	Participation	30 th Dec 2016
5.	Shiny Salam	Seminar	State level	“International Seminar on Infrastructure-Industrialisation and Development: forward linkages drawing from global models.”	Dept. of Commerce, School of Business Management and Legal studies, University of Kerala	Participated and presented paper	16 -18 th February 2017
6.	Shiny Salam		State level	“Angel Investors-The growth of start ups to the next trajectory in the wings of business angels that sprout the seed funds”	School of Distance Education, University of Kerala	Presented	22-24 March, 2017.

7.	Shiny Salam	Orientation Course	State level		UGC-HRDC	Participation	10-08-16 to 06-09-16
8.	Dr. Shehnaz S R	FDP	State level	Introduction to Econometrics	TKM Institute of Management	Participation	2 nd July 2016
9.	Dr. Shehnaz S R	FDP	State level	“PRISM-practices and regulatory Insights: Indian Securities Market”	TKM Institute of Management	Participation	30 th Dec 2016
10.	Dr. Shehnaz S R	Seminar	State level	“International Seminar on Infrastructure-Industrialisation and Development: forward linkages drawing from global models.”	Dept. of Commerce, School of Business Management and Legal studies, University of Kerala	Presented paper	16 -18 th February 2017
11.	Dr. Shehnaz S R	Seminar	State level	“Angel Investors-The growth of start ups to the next trajectory in the wings of business angels that sprout the seed funds”	School of Distance Education, University of Kerala	Participated and presented	22-24 March, 2017.
12.	Dr. Shehnaz S R	Seminar	State level	“The Self Marginalized Women and Stock Market Analysis	Post Graduate Department of Commerce and Research Centre, Sanatana Dharma College, Alapuzha	Participated and presented	8 th and 9 th Dec2016

13.	Dr. Shehnaz S R	Seminar	International conference	“The Dual Index Model – Empirical Proof of an Astute Model that Augurs Stock Prices across Assorted Sectors”	30th Business and Economics Society. Abu Dhabi, UAE,	Presented paper	January 2017
14.	Dr. Shehnaz S R	Refresher Course	State level		UGC-HRDC	Participation	10-11-16 to 30-11-16
15.	Firoz Khan	Workshop	State level	statistical package for social science research	Department of Collegiate Education	Participation	January 2017
16.	Firoz Khan	Orientation Programme	State level		UGC-HRDC	Participation	01/03/2017 to 28/03/2017
17.	Maheen M	Seminar	State level	“Looking the pulse of Indian Infrastructure Companies: Empirical evidence from the Stock Market Volatility”	Dept of Commerce, School of Business Management and Legal Studies, University of Kerala	Presented	16-18 Feb, 2017.
18.	Maheen M	Conference	National level	International Taxation, a national conference	Dept of Commerce, Pondicherry Central University	Participated and presented	Feb 2017

19.	Sulfiya Samad	Seminar	State level	“International Seminar on Infrastructure-Industrialisation and Development: forward linkages drawing from global models.”	Dept. of Commerce, School of Business Management and Legal studies, University of Kerala	Participated and presented	16 -18 th February 2017
20.	Sulfiya Samad	FDP	State level	“PRISM-practices and regulatory Insights: Indian Securities Market”	TKM Institute of Management	Participation	30 th Dec 2016
21.	Jeena R.	Seminar	State level	“International Seminar on Infrastructure-Industrialisation and Development: forward linkages drawing from global models.”	Dept. of Commerce, School of Business Management and Legal studies, University of Kerala	Participated and presented	16 -18 th February 2017
22.	Jeena R.	Seminar	State level	“Women’s Financial Inclusion Initiative: A Bird’s Eye View on all Women’s Bank AKA Mahila Banks	Dept. of Commerce, School of Business Management and Legal studies, University of Kerala	Participated and presented	22 to 24 th March 2017
23.	Jeena R.	FDP	State level	“PRISM-practices and regulatory Insights: Indian Securities Market”	TKM Institute of Management	Participation	30 th Dec 2016

24.	Jeena R.	Workshop		Research Instrument Design and Data Analysis	Dept. of Commerce Govt College, Attingal	Participation	26 th October 2016.
25.	Dr. Bobby T. Edwin	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM College of Arts and Science, Kollam-5	Presentation	14-15/02/2017
26.	Dr. Bobby T. Edwin	Invited lecture	State	Tissue engineering – the concept introduction and validation of Gumarabic scaffolds as an ideal system for bone tissue engineering	Department of Botany and Biotechnology, S N college, Kollam	Resource person	21/01/2016
27.	Sheeba M.J	Work shop	State	S.S.P	Higher Education	Participation	5-8-2016
28.	Sheeba M.J	Capacity building Residential Work shop	State	S.S.P	Directorate of Collegiate Education	Participation	24-10-2016 & 25-10-2016
29.	Boby T. Edwin, Sheeba M.J.	World Environment day Observance	State	World Environment day Observance	T.K.M College Dept of Zoology	Participation	6-6-2016
30.	Aparna L R	Workshop	State	Workshop for Resource persons of Scholar support programme	Office of the initiatives in higher education	Participation	16-02-2017

31.	Dr P.K Manoj	Refresher course	National	Science Academie's Refresher course in Quantum mechanics	Jointly by The Indian academy of Sciences, Bengaluru, The Indian national Science academy, New delhi and The National Academy Of Sciences, Allahabad	Participation	01-05-2017 to 14-05-2017
32.	Soumya S	Seminar	State	World Environment Day Observance	TKM college of Arts and Science, Kollam	Participation	06/06/2016
33.	Ajinza A	SSP	State	Scholar Support Programme	Devaswom Board College, Sasthamcotta	Participation	16/02/2017
34.	Ajinza A	Seminar	State	World Environment Day Observance	TKM college of Arts and Science, Kollam	Participation	06/06/2016
35.	Ajinza A	Seminar	State	World Wetland Day Observance	TKM college of Arts and Science, Kollam	Participation	02/02/2017
36.	Dr. Latha. B	Seminar	State	World Environment Day Observance	TKM college of Arts and Science, Kollam	Participation	06/06/2016
37.	Dr. Latha. B	Seminar	State	29 th Kerala Science Congress	Marthoma College, Thiruvalla	Participation	28-30 January 2017
38.	Dr. Sirajudheen. T.K	Workshop	National	Workshop on 'Marine Biodiversity'	Kerala University	Participation	29/11/2016

39.	Dr. Sirajudheen. T.K	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM College of Arts and Science, Kollam-5	Presentation	14-15/02/2017
40.	Dr. Jasin Rahman. V.K	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM College of Arts and Science, Kollam-5	Presentation	14-15/02/2017
41.	Rohini Krishna. M.V	Workshop	National	Workshop on 'Writing of Research Proposals, Thesis, Reports and Papers'	Christ University, Nodal Office, Thiruvananthapuram	Participation	29-30/04/2016
42.	Dr. Sirajudheen. T.K	Seminar	International	Crustacean Taxonomy	Kerala University	Participation	14/09/2016
43.	Dr. Sirajudheen. T.K	Seminar	International	International seminar on 'Coastal Biodiversity Assessment'	SG College, Kottarakkara	Presentation	5-6/01/2017
44.	Dr. Jasin Rahman. V.K	Seminar	National	National Seminar on 'Natural Resources Management for Horticultural Crops under Changing Climatic Conditions	Centre for Water Resources Development and Management (CWRDM)	Presentation	16-17/03/2017

45.	Narayana Prasad M.	Seminar	National	National Seminar on Linear Algebra	Dept. of Mathematics, Govt. College, Chittoor, Palakkad	Participation	12 January 2017 to 14 January 2017
46.	Adersh V.K	Workshop	State	Three day workshop on syllabus revision.	Board of Studies, University of Kerala	Participation	8-3-2017 to 10-3—2017
47.	Adersh V.K	Seminar	State	Refresher course for college teachers in Kerala State	University of Kerala	Participation	9-2-2017 to 12-2-2017
48.	Adersh V.K	Workshop	State	One day capacity building workshop for resource person of the SSP	New Initiatives in higher education	Participation	16-2-2017
49.	Adersh V.K	Workshop on scientific computing using python	State	Workshop on scientific computing using python	Department of Mathematics, University college, Trivandrum	Resource person	13 and 14 January 2017

50.	Adersh V.K	Workshop	State	LaTeX- Report and Article Writing	Division of Electronics Engineering, School of Engineering, CUSAT, Kochi	Resource person	28 th June 2016
51.	Adersh V.K	Workshop	State	Refresher course for college teachers in Kerala State-I	Kerala School of Mathematics	Participation	22-23 October 2016
52.	Adersh V.K	Workshop	State	summer workshop for M. Sc. students and college teachers	Kerala School of Mathematics	Participation	1-21 April 2017
53.	Adersh V.K	Short term training programme	State	Short term training programme on LaTeX and SAGE	Department of Mathematics, RIT, Kottayam	Resource person	16-21 January 2017
54.	Adersh V.K	Refresher Course	State	Special Summer School Programme (Multidisciplinary Refresher Course)	UGC Human Resource development centre, University of Kerala, Kariavattom, Trivandrum.	Participation	14-10-2016 to 3-11-2016
55.	Dr. Aswathy M.R.	Workshop	State	One day capacity building workshop for resource person of the SSP	New Initiatives in higher education	Participation	16-2-2017
56.	Dr. Aswathy M.R.	Workshop		one day capacity building workshop for internal mentors of the WWS	New Initiatives in higher education	Participation	11 January 2017

57.	Nizamudeen Ashique	Seminar	National	National Seminar on Linear Algebra	Dept. of Mathematics, Govt. College, Chittoor, Palakkad	Participation	12 January 2017 to 14 January 2017
58.	Nizamudeen Ashique	Workshop	State	External mentoring for WWS	New Initiatives in higher education	Resource person	11 March 2017
59.	Nizamudeen Ashique	summer workshop	State	summer workshop for M.Sc. students and college teachers	Kerala School of Mathematics	Participation	from 17/04/2017 to 21/04/2017
60.	Rissana T.A.	Seminar	National	National Seminar on Abstract Algebra	Dept. of Mathematics, University College, Trivandrum.	Participation	2 and 3 February 2017
61.	Harilal N. Thazhikkattuseril	Summer workshop	State	Summer workshop for M.Sc. students and college teachers	Kerala School of Mathematics	Participation	from 17/04/2017 to 21/04/2017
62.	Harilal N. Thazhikkattuseril	Symposia	State	'Math Teacher' competition	Department of Mathematics ,UC college, Aluva	Judge	14/02/2017
63.	Dr. Harikumar B.	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM college of arts and science, Kollam	Poster presentation	Feb 14-15 2017
64.	Dr. Harikumar B.	Workshop	State	One day workshop on CBCSS	Kerala University Senate hall	Participation	June 2016

65.	Dr. S. Anas	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM college of arts and science, Kollam	Poster presentation	Feb 14-15 2017
66.	Dr. S. Anas	Conference	National	National conference on smart materials	Department of Chemistry, S. N. College Varkala	Oral presentation	March 8-9, 2016
67.	Dr. S. Anas	Conference	National	National conference on advances in frontier areas of chemical sciences	Department of Chemistry, St. Johns college Anchal	Poster presentation	Nov 9-10 2016
68.	Dr. S. Anas	Workshop	National	Advanced nano-fabrication technologies	IISc, Bangalore	Participation	Feb 23 to 26 2016
69.	Dr. S. Anas	Seminar	National	Solar Photonics	Fatima matha national college, Kollam	Participation	?? 2016
70.	Dr. S. Anas	Conference	National	Recent trends in advanced chemistry research	Department of Chemistry, S. N. College Kollam	Poster Presentation (Best poster)	May 25-26, 2017
71.	Dr. S. Anas	Refresher programme	State		Anandatheertha campus, HRDC, Kannur University	Participation	March 1 st to 21 st , 2017
72.	Dr. Sumalekshmy S.	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM college of arts and science, Kollam	Poster presentation	Feb 14-15 2017
73.	Dr. Siyad M. A.	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM college of arts and science, Kollam	Poster presentation	Feb 14-15 2017

74.	Dr. Chithra Gopinath	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM college of arts and science, Kollam	Poster presentation	Feb 14-15 2017
75.	Ms. Sherifa Rahim	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM college of arts and science, Kollam	Poster presentation	Feb 14-15 2017
76.	Dr. Abdul Rahim M. K.	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM college of arts and science, Kollam	Poster presentation	Feb 14-15 2017
77.	Dr. Abdul Rahim M. K.	Workshop	National	Workshop for college chemistry teachers and students	CSIR-NIIST, TVM and JNCASR Bangalore	Participation	Oct 20-22, 2016
78.	Dr. Tharun A. Rauf	Workshop	State	Capacity building cluster workshop	Office of the New Initiatives in Higher Education	Participation	11 th Jan 2017
79.	Dr. Tharun A. Rauf	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM college of arts and science, Kollam	Poster presentation	Feb 14-15 2017
80.	Dr. Simimole H.	Seminar	International	International Conference on 'Tropical Plants and Molecular Design'	Department of Chemistry, TKM college of arts and science, Kollam	Poster presentation (Best poster award)	Feb 14-15 2017
81.	Shajitha S.	Workshop	State	Scholar Support Programme	Office of the New Initiatives in Higher Education	Participation	16 th February 2017

82.	Shajitha S.	Seminar	National	Uniform Civil Code: Issues and prospectus	Dept. of Islamic History, University College, Thiruvananthapuram	Resource person	16 th & 17 th January 2017
83.	Shajitha S.	Seminar	International	Twenty First annual conference and International Seminar	Association of Third World Studies south Asia Chapter (ATWS, SAC)	Presentation	30 th November, 1 st & 2 nd December 2016
84.	Shajitha S.	Seminar	National	Perspectives on Religious Co-existence – The Indian Background	Dept. of Islamic History, Maharaja's College, Ernakulam	Resource person	14 th & 15 th December 2016
85.	Dr. Sumithra Devi S.	Seminar	National	National conference on peace and harmony; India and Canada	UGC area study centre for Canadian studies, University of Kerala	Participation	17 th & 18 th Feb 2017
86.	Prof. Shafana Shafi	Workshop	State	One day capacity building cluster workshop for internal mentors of WWS programme	New Initiatives in higher education	Participation	11 th Jan 2017
87.	Prof. Shafana Shafi	Workshop	State	Two day cluster workshop for mentors of ASAP programme	ASAP, Higher education, Govt. Of Kerala	Participation	27 th & 28 th Mar 2017
88.	Prof. Sulfiya Santhosh	Workshop	State	Two day workshop for mentors of ASAP programme	ASAP, Higher education, Govt. Of Kerala	Participation	27 th & 28 th Mar 2017

89.	Lt. Liby K. S.	Orientation Programme	National	Orientation Programme	UGC-Human Resource Development Centre, Kariavattom, Trivandrum	Participation	4 th Jan 2017 to 31 st Jan 2017
90.	Lt. Liby K. S.	Annual training Camp, NCC	--	Training programme	Patharam, SMHSS organised by NCC	Participation	22 nd Dec 2016 to 1 st Jan 2017
91.	Muhammed Roshan B.	Seminar	National	National seminar on Multiculturalism in Australia	Centre for Australian Studies, Institute of English, University of Kerala	Presentation	27 th Oct, 2016
92.	Muhammed Roshan B.	Workshop	State	One day cluster workshop for resource persons of SSP	Dept. Of higher education, Govt. Of Kerala	Participation	16 th Feb, 2017
93.	Muhammed Roshan B.	Seminar	National	National seminar on Dalit literature, art and aesthetics; the Kerala experience	UGC-SAP, IoE, University of Kerala	Participation	16 th & 17 th Mar , 2017
94.	Muhammed Roshan B.	Workshop	State	CET fresher's training 2017	ASAP, Higher education dept. Of Kerala	Participation	3-6 th Apr 2017

