



T. K. M. College of Arts and Science

TKMC P. O., Kollam

Internal Quality Assurance Cell
(IQAC)

Annual Report
2017

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About IQAC

The IQAC, established in 2004, plays a pivotal role in maintaining and monitoring the academic, extra-curricular and administrative aspects of the college, with the exclusive purpose of quality improvement. The IQAC provides crucial support for the management and the Principal in the process of decision-making and implementation of quality enhancement policies. The primary task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of the institution.

Objectives and Functions of the IQAC

- The IQAC stays abreast of and disseminates the various developments in the higher education sector, specifically focusing on the UGC and NAAC guidelines which undergo constant updates.
- IQAC facilitates the creation of a learner-centric atmosphere in the college which makes use of various innovative and participatory teaching as well as learning techniques; making great strides in improving the ICT and IT facilities in the college, energizing the various academic and administrative functions of the college.
- The IQAC provides support for the various departments and extension clubs in the conduct of academic and extra-curricular seminars, workshops and lectures.
- The consolidation of documents with regard to student and faculty profiles, result analysis, curricular and co-curricular events organized by the college, financial and academic audit, infrastructure development etc.



Members of IQAC

Sl. No.	Name	Position
1.	Dr. Shahal Hassan Musaliar	Patron, President, T. K. M. College Trust
2.	Prof. Hashimudeen A	Chairperson (Principal)
3.	Dr. A. Reghu	Coordinator
4.	Dr. Bobby T Edwin	Assistant Professor in Botany
5.	Dr. Sirajudheen T K	Assistant Professor in Zoology
6.	Shajitha S	Assistant Professor in Islamic History
7.	Dr. M. J. Sheeba	Assistant Professor in Botany
8.	Dr. Chithra Gopinath	Assistant Professor in Chemistry
9.	Dr. Sumithra Devi	Assistant Professor in English
10.	Jb. T. K. Jalaluddin Musaliar	Industrialist/Employer Representative
11.	Dr. M. Haroon	Alumni Representative
12.	Prof. Abdul Majeed	Local Representative
13.	Senior Superintendant	Administrative Official



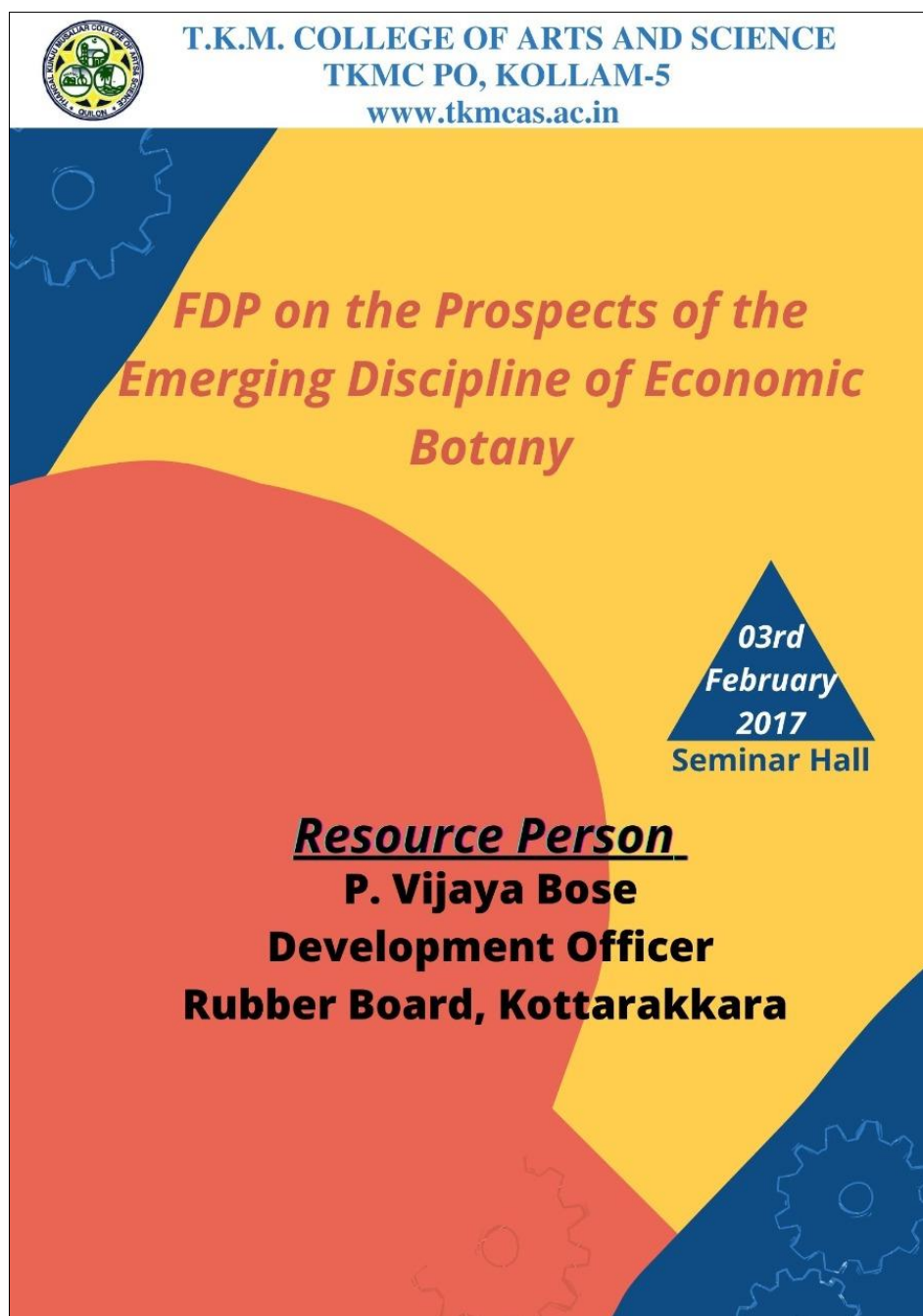
Report Summary

Sl. No.	Items	Number/Date
1	Number of IQAC meetings conducted	4
2	Professional development program organized for teaching/non-teaching staff	10
	FDP on the Prospects of the Emerging Discipline of Economic Botany	03/02/2017 - 03/02/2017
	Workshop on Environmental Concerns and Sustainability	06/06/2016 - 06/06/2016
	Workshop on Elimination of Exploitative Labour through Education	21/02/2017 - 21/02/2017
	FDP on Innovations in Science and Technology	22/02/2017 - 22/02/2017
3	Number of teachers provided with financial support to attend conferences/workshop	44
4	Number of teachers participated in Faculty Development Programmes/Professional Development Programmes/Orientation/Induction Programmes/Refresher Course/Short Term Course	18



Detailed Report for the training programs

1. FDP on the Prospects of the Emerging Discipline of Economic Botany



In collaboration with IQAC, the Department of Botany on 3 February 2017 organized a Faculty Development Programme on 'Prospects of the Emerging Discipline of Economic Botany' on 3 February 2017. P. Vijaya Bose, Development



Officer, Rubber Board, Kottarakkara was the resource person. He pointed out the interdisciplinary scope of Economic Botany and the way in which it bridges the gap between pure and applied botany. All the 7 faculty members who attended the programme actively participated in the discussion that followed the lecture. The sessions ended with a Vote of Thanks by Dr. Bobby T. Edwin, Assistant Professor, Department of Botany.



FDP on the Prospects of the Emerging Discipline of Economic Botany



2. Workshop on Environmental Concerns and Sustainability



The IQAC and the Science Club of T.K.M. College of Arts and Science in consortium with the Kerala State Council for Science Technology and Environment (KSCSTE) conducted a one-day Workshop on Environmental Concerns and Sustainability on 6th June 2016. Janab. T. K. Jalaluddin Musaliar, Hon. Treasurer, T.K.M. College Trust inaugurated the function. The resource persons, Dr. A. Biju Kumar



(University of Kerala) and Dr. George D'Cruz (F.M.N.College, Kollam) delivered invited lectures.

In his detailed lecture on 'Environmental Concerns and Our Common Future', Dr. Biju Kumar emphasized the need for sustainable development to promote harmony among human beings and between humanity and nature. Management of the various commons - the oceans, outer space, and Antarctica - at different stages of evolution was highlighted. He pinned his hopes on a new era of economic growth, one that is based on policies that sustain and expand the environmental resource base. Dr. George D'Cruz urged the participants to tackle the illicit trafficking of wildlife and to commit themselves to the conservation of wildlife in his lecture on 'Go Wild for Life'.

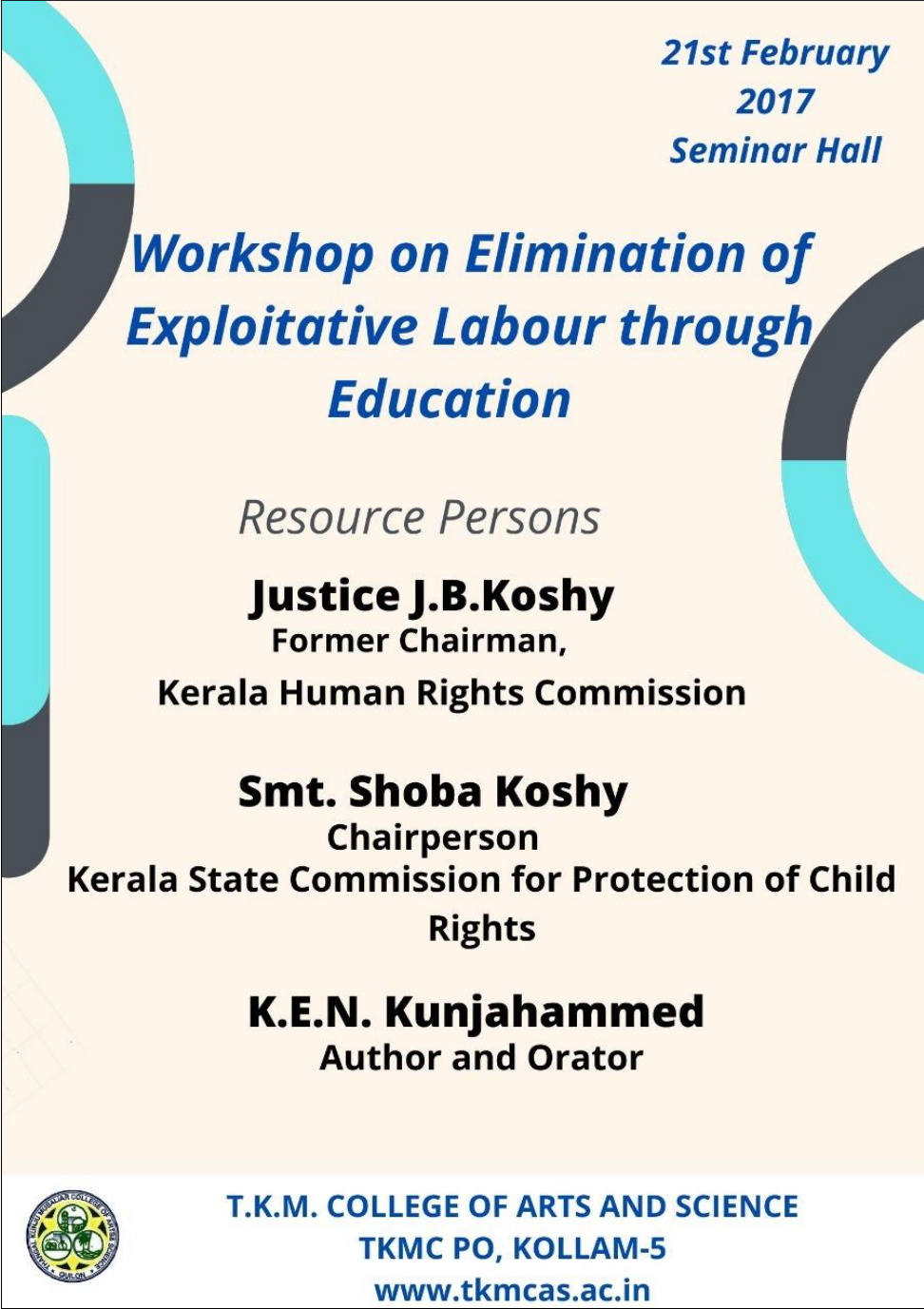
A sapling-planting programme and an environmental documentary show followed the lectures. 10 faculty members who exhibited keen interest in ecological concerns participated in this activity oriented Workshop.



Faculties attend the programme



3. Workshop on Elimination of Exploitative Labour through Education



**21st February
2017
Seminar Hall**

***Workshop on Elimination of
Exploitative Labour through
Education***

Resource Persons

Justice J.B.Koshy
Former Chairman,
Kerala Human Rights Commission

Smt. Shoba Koshy
Chairperson
Kerala State Commission for Protection of Child
Rights

K.E.N. Kunjahammed
Author and Orator

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'Elimination of Exploitative Labour through Education', a One-Day Workshop on Human Rights was conducted jointly by The Human Rights Forum and the Internal Quality Assurance Cell (IQAC) of T.K.M. College of Arts and Science on a grand scale on



21 February 2017. The programme, sponsored by the Human Rights Commission, Delhi was remarkable, graced with the presence of eminent personalities like Justice J.B.Koshy, K.E.N. Kunjahammed and Smt. ShobhaKoshy. Janab.Sadiq S. Thaha, T.K.M. Trust member, inaugurated the workshop and, the Principal of the college, Prof.A.Hashimudeen presided over the function.

The first technical session handled by K.E.N. Kunjahammed deliberated on 'Rights of Other Vulnerable Sections'. "Certain groups in the society often encounter discriminatory treatment and need special attention to avoid potential exploitation," he said. The second technical session handled by Justice J.B.Koshy, Chairman of the former State Human Rights Commission, delivered an unparalleled speech on 'Introduction to Human Rights and Human Rights Institutions in India'. He observed that human rights in India is an issue complicated by the country's large size and population, widespread poverty, lack of proper education and diverse culture. The final technical session was steered by Smt. ShobaKoshy, Chairperson of Kerala State Commission for Protection of Child Rights. She presented a paper on 'Rights of Women and Children' where she observed that domestic violence continued to be a problem despite of the Ministry of Women and Child Development having promulgated guidelines for the establishment of social services for women. She said that government often failed to educate the public adequately against child abuse or to enforce law.

About 15 faculty members attended the sessions. ThanseenaBai R., Assistant Professor, Department of Commerce convened the programme and Shehanaz S.R., Assistant Professor of Commerce addressed the gathering.





Smt. Shoba Koshy leads the session



4. FDP on Innovations in Science and Technology

***Faculty Development
Program on Innovations in
Science and Technology***

Resource Persons

Dr. Premlet
Associate Professor
TKM College of Engineering, Kollam

Dr. Rijo Jacob Thomas
Assistant Professor
TKM College of Engineering, Kollam

**22 February
2017
Seminar Hall**

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In association with the Internal Quality Assurance Cell, the Department of Chemistry and the Science Club of T.K.M. College of Arts and Science jointly organized 'Faculty Development Programme on Innovations in Science and Technology' from 21 to



23 February 2017 in the College Auditorium. It was conducted with a financial aid of Rs. 20,000/- (Rupees twenty thousand only) from the Kerala State Council for Science, Technology and Environment (KSCSTE), Thiruvananthapuram.



The Faculty Development Programme intended to facilitate up-gradation of knowledge, skills and to provide opportunities for induction training to teachers from various disciplines. Dr. B. Hari Kumar, Co-ordinator of the programme and Head of the Department of Chemistry delivered the Welcome Address. The programme was presided over by the Principal, Prof. A. Hashimudeen. Dr. Premlet (Associate Professor (Rtd.), Dept. of Physics, TKM College of Engineering) inaugurated the function. He highlighted and discussed in depth about the present status of scientific innovations in our country. He also appreciated the contributions of national as well as state level scientists and other stakeholders to the world science and technology. He urged the need for retaining and utilizing our brains in India itself instead of sending them abroad and that the teachers of an institution have a major role in this. In the second session



the lecture entitled 'Science And Technology For Specially Abled Persons', Dr. Rijo Jacob Thomas gave a brief on the attempts of their institute in helping the poor disabled people and that all of us can join hands for the purpose.

Activities were organized and moderated by Dr. Tharun Rauf (Assistant Professor of Chemistry) and Dr. Jasin Rahman (Assistant Professor of Zoology) following the guidelines of KSCSTE. All the 21 faculty members actively participated in the interactive sessions with the experts. Principal Prof. A. Hashimudeen honoured the resource persons with memento. Dr. Jasin Rahman delivered the Vote of Thanks and the programme concluded with the National Anthem.



Other Major Activities

- Participated in NIRF - India Rankings 2018.
- Academic and Administrative audit was conducted



List of faculties provided with financial support to attend various programs

Sl. No.	Name of the Teacher	Department	Name of conference/ workshop attended for which financial support provided
1.	Ruksana Sulthana A H	Commerce	Refresher Course
2.	Shiny Salam	Commerce	Orientation Programme
3.	Dr. Shehnaz S R	Commerce	Refresher Course
4.	Firoskhan A	Commerce	Orientation Programme
5.	Maheen M	Commerce	International Taxation, a national conference
6.	Sulfiya Samad	Commerce	International Seminar on Infrastructure-Industrialisation and Development: forward linkages drawing from global models
7.	Jeena R	Commerce	International Seminar on Infrastructure-Industrialisation and Development: forward linkages drawing from global models
8.	Dr. Bobby T Edwin	Botany	Tissue engineering – the concept introduction and validation of Gumarabic scaffolds as an ideal system for bone tissue engineering
9.	Dr. P K Manoj	Physics	Science Academie's Refresher course in Quantum mechanics
10.	Dr. Latha B	Biochemistry	29th Kerala Science Congress
11.	Rohini Krishna M. V	Zoology	Workshop on 'Writing of Research Proposals, Thesis, Reports and Papers'
12.	Dr. Jasin Rahman V K	Zoology	National Seminar on 'Natural Resources Management for Horticultural Crops under Changing Climatic Conditions
13.	Narayana Prasad M	Mathematics	National Seminar on Linear Algebra



14.	Adersh V K	Mathematics	LaTeX- Report and Article Writing
15.	Nizamudeen Ashique P K	Mathematics	National Seminar on Linear Algebra
16.	Rissana T. A.	Mathematics	National Seminar on Abstract Algebra
17.	Dr. S. Anas	Chemistry	Advanced nano-fabrication technologies
18.	Dr. Abdul Rahim M K	Chemistry	Workshop for college chemistry teachers and students
19.	Dr. Tharun A. Rauf	Chemistry	Capacity building cluster workshop
20.	Shajitha S	Islamic History	Perspectives on Religious Co-existence – The Indian Background
21.	Dr. Sumithra Devi S.	English	National conference on peace and harmony; India and Canada
22.	Liby K S	English	Orientation Programme
23.	Muhammed Roshan B.	English	National seminar on Multiculturalism in Australia
24.	Shafana Shaffi	English	One day capacity building cluster workshop for internal mentors of WWS programme
25.	Dr. Sulfia S. Santhosh	English	Two day workshop for mentors of ASAP programme
26.	Dr. M J Sheeba	Botany	Scholar Support Program
27.	Aparna L R	Physics	Workshop for Resource persons of Scholar support programme
28.	Ajinza A	Biochemistry	Scholar Support Programme
29.	Soumya S	Biochemistry	International Conference on ‘Tropical Plants and Molecular Design’
30.	Jisha M.S	Botany	Tissue engineering – the concept introduction and validation of Gumarabic scaffolds as an ideal system for bone tissue engineering
31.	Sherifa Rahim	Chemistry	National conference on advances in frontier areas of chemical sciences



32. Dr. Simi Mole H.	Chemistry	National conference on advances in frontier areas of chemical sciences
33. Dr. Harikumar B.	Chemistry	International Conference on ‘Tropical Plants and Molecular Design’
34. Dr. Sumalekshmy S.	Chemistry	International Conference on ‘Tropical Plants and Molecular Design’
35. Dr. Siyad M. A.	Chemistry	Solar Photonics
36. Dr. Chitra Gopinath	Chemistry	Recent trends in advanced chemistry research
37. Thanseena Bai R	Commerce	“Angel Investors-The growth of startups to the next trajectory in the wings of business angels that sprout the seed funds”
38. Gayatry S.	English	National conference on peace and harmony; India and Canada
39. Niyas S. M.	English	National seminar on Multiculturalism in Australia
40. Dr. Pathummabeevi M	Mathematics	Workshop on scientific computing using python
41. Dr. Aswathy M R	Mathematics	Workshop on scientific computing using python
42. Niza N	Mathematics	Short term training programme on LaTeX and SAGE
43. Harilal N Thazhikkattuseril	Mathematics	Summer workshop for M.Sc. students and college teachers
44. N K Sajna	Physics	Science Academie’s Refresher course in Quantum mechanics



List of Faculties who participated in various training programs/ FDPs/Refresher/Orientation Programs

Sl. No	Name of teacher	Department	Title of the program	Duration (from – to)
1.	Shiny Salam	Commerce	UGC Sponsored Orientation Programme	10/08/2016 - 06/09/2016
2.	Firoskhan.A	Commerce	UGC Sponsored Orientation Programme	01/03/2017 - 28/03/2017
3.	Liby K. S.	English	UGC Sponsored Orientation Programme	04/01/2017 - 31/01/2017
4.	Shehnaz.S.R	Commerce	UGC Sponsored Refresher Course	10/11/2016 - 30/11/2016
5.	Thanseena Bai R	Commerce	UGC Sponsored Refresher Course	10/11/2016 - 30/11/2016
6.	NisamudeenAshique P K	Mathematics	Summer workshop for MSc students and college teachers	17/04/2017 - 21/04/2017
7.	RuksanaSulthana. A.H	Commerce	UGC Sponsored Refresher Course	02/12/2016 - 22/12/2016
8.	Adersh V K	Mathematics	Special Summer School Programme (Multidisciplinary Refresher Course),.	14/10/2016 - 03/11/2016
9.	Sherin Aslam	English	UGC Sponsored Refresher Course in Comparative Indian Literature	18/10/2016 - 07/11/2016
10.	Dr. S. Anas	Chemistry	UGC sponsored refresher programme on nano science	01/03/2017 - 21/03/2017
11.	Jeena R	Commerce	Research Instrument Design & Data Analysis in Commerce & Management Research	26/10/2016 - 28/10/2016
12.	Dr. Abdul Rahim M. K.	Chemistry	Workshop for College Chemistry Students and Teachers	13/10/2016 - 15/10/2016
13.	Maheen .M	Commerce	Infrastructure: Industrialization and Development	16/02/2017 - 18/02/2017
14.	Dr.M.JSheeba	Botany	Refresher course	02/02/2017 - 22/02/2017
15.	Dr.Siyad M. A	Chemistry	The Innovative Trends in Chemical Education and Research : Hurdles and Sucessive progress- ITCER 2017	22/03/2017 - 24/03/2017
16.	Dr. P. K. Manoj	Physics	Science academies Refresher	01/05/2017 -



			course	14/05/2017
17.	Muhammed Roshan B.	English	Training Workshop for ASAP Master Trainers (Freshers)	03/04/2017 - 06/04/2017
18.	Harilal N Thazhikkatusseril	Mathematics	Summer Workshop for M.Sc. Students and College Teachers	17/04/2017 - 21/04/2017

