

Affiliated to Mahatma Gandhi University, Kottayam, Kerala

Number of workshops/seminars conducted Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship during the last five years

Reports of Workshops/Seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and Entrepreneurship during 2016-17

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Second International Conference on Materials Science and Technology-ICMST 2016

Department of Physics organized Second International Conference on Materials Science and Technology (ICMST 2016) on 05-08 June 2016. ICMST 2016 provided a platform for academicians, scientists and researchers to exchange and share their experiences and research findings in various areas of Materials science, and to discuss the practical challenges encountered and solutions adopted.

The aim of the 2016 International Conference on Materials science and Nanotechnology (ICMST 2016) was to bring together National and International communities (students, scientists, engineers and stake holders from academia, government laboratories, industry and other organizations) working in the field of Materials science and technology to discuss new and exciting advances in the field.

The conference was inaugurated by Prof. P J Kurien, the Honourable Deputy Chairman of Rajyasabha in the presence of Nobel Laureates Prof. Ada E Yonath and Prof. Klaus von Klitzing, His Excellency Mar. Joseph Kallarangattu, Dr. Sunny Joseph, Dr. Michael Augustine, Dr. Ginson P Joseph and Prof. Augustine J Edakkara.



Prof. PJ Kurien, Deputy Chairman of Rajya Sabha lights the ceremonial lamp at the inaugural function of ICMST-2016

Technical Sessions of the conference started at 5 PM on 5-6-2016 Sunday, with the public lecture of Prof. Ravi Subrahmanyan (Director, Raman Research Institute Bangalore) on "Cosmic Dawn at the end of the Dark Ages"



Prof. Ravi Subrahmanyan (Director, Raman Research Institute Bangalore)

It was for the first time in the history of St Thomas college Palai that two Nobel laureates visiting the institution. Prof. Ada E Yonath(Nobel laureate, Weizmann institute, Rohovot, Israel) and Prof. Klaus von Klitzing (Nobel laureate, Max Planck Institute, Fur Festkorperforshung, Germany) showered their experience as well as expertise in the field of Materials science research through their plenary lectures as well as interaction sessions with the students.



Prof. Ada E Yonath(Nobel laureate, Weizmann institute, Rohovot, Israel)



Prof. Klaus von Klitzing (Nobel laureate, Max Planck Institute, Fur Festkorperforshung, Germany)

Along with the lectures of Nobel laureates and public lecture, ICMST 2016 witnessed the plenary talks of Prof. Norbert Kroo (Presidential Advisor, Hungarian Academy of Sciences, Hungary), Prof. Dr. Katharina Al-Shamery (Carl von Ossietzky University, Oldenburg, Germany), Dr. John Philip (Head, SMARTS&RTS, Metallurgy and Materials Group, IGCAR-Kalpakkom, India), Prof. Spiros H Anastasiadis (Director, Institute of Electronic Structure and Laser, Greece), Prof. Dr. Peter Baeuerle (Director, Institute of Organic Chemistry II and Advanced Materials, Ulm University, Germany) Prof. Reji Philip (Light and Matter Physics Group, RRI- Bangalore, India), Prof. Alison Downard (Mac Diarmid Institute for Advanced Materials and Nanotechnology, University of Canterbury, New Zealand) and Prof. Manuel Filipe Pereira da Cunha Martins Costa (University of Minho, Portugal).

PLENARY SPEAKERS



Prof. Alison Downard



Prof. Norbert Kroo



Prof. Dr. Katharina Al-Shamery



Prof. Reji Philip



Prof. Spiros H Anastasiadis



Dr. John Philip



Prof. Dr. Peter Baeuerle

The keynote lectures were delivered by Dr. Reji John (Head, Materials Engineering Division DRDO, NPOL,India), Dr. Lisa George (Madison Area Technical College, Madison, USA), Dr. Radhakrishna Prabhu (Robert Gordon University Aberdeen, United Kingdom), Prof. Krish Bharuth-Ram(University of KwaZulu-Natal Durban, South Africa), Dr. PK Panda(CSIR National Aerospace Laboratories Bangalore, India), Dr. Sandeep Kumar (Raman Research Institute Bangalore), Prof.Manickam Mahendran (Thiagarajar College of Engineering, Madurai, India), Prof. Dr. Mohd Kamarulzaki Mustafa (Deputy Dean of R&D, Universiti Tun Hussein Onn, Malaysia), Prof. M Padmanabhan (Amrita University Kerala, India), Dr. CV Tomy (Head, Dept. of Physics, IIT Bombay) and Prof. Constantinos Simserides (Dept. of Solid State Physics, National and Kapodistrian University of Athens, Greece).

The invited speakers were Dr. Pratap Kollu (University of Cambridge, United Kingdom), Dr. Sukhendu Mandl (IISER-Trivandrum, India), Dr.N.Vijayan (National Physical Laboratory -New Delhi, India), Dr.Bonige.Kishore Babu(Andhra University Andhra

Pradesh, India), Dr. Amal Kumar Das (Department of Physics, IIT Kharagpur, India), Prof. Dr. Sanjay Dhole (University of Pune, India), Dr. Jai Singh(Dr.H.S.Gour Central University, Sagar,M.P, India), Dr. Madhavan Jacob (Loyola College Chennai, India), Prof. Rajan Jose (Faculty of Industrial Sciences & Technology, Universiti Malaysia Pahang, Malaysia), Dr. Diby Paul (Dept. of Environmental Engineering, Konkuk University, SEOUL, South Korea) Dr. Kishore Sridharan (NIT- Karnataka) and Dr. Ajayan Vinu (Professor of Nanomaterials, University of South Australia).

There were ten plenary lectures, twelve keynote lectures, Eight invited talks, two hundred oral presentations and two hundred and sixty poster presentations in this event.

Participants include scientists from world renowned research centers, university and college professors and research scholars.



Audience observing a plenary talk- A close look of the Auditorium



Poster presentation

ICMST-2016 provided exposure to a wide spectrum of areas of research in Nanoscience, Thin film technology, Crystallography, smart materials, polymer and rubber technology, energy storage devices and superconductivity. The conference was a global meet of young researchers working in various fields of Materials science. The conference also provided a non pareil platform for the young scientists and researchers in India to interact with leading international experts. It has provided an excellent opportunity for the participants to involve themselves in extremely fruitful interpersonal exchange of ideas, perspectives and outlooks. Department of Science and Technology (DST), University Grants Commission (UGC), CSIR, DRDO, BRNS, MNRE, INSA, KSCSTE and ISRO were the sponsors of the event.

Dr. Michael Augustine- Head of the Physics Department, Dr. Ginson P Joseph,-Convener of ICMST-2016, Dr. Sunny Mathew and Prof.Augustine J Edakkara-Co-conveners, other teachers of the department and students welcomed the participants with high enthusiasm and entertained them with warm hospitality and dazzling array of cultural programs.

PROGRAMME SCHEDULE- ICMST 2016

SUNDAY, 5 th June 2016			
TIME	PROGRAM		
8.30AM- 5.00 PM	REGISTRATION		
5 PM-6.30 PM	PUBLIC LECTURE: Prof. Ravi Subrahmanyam		
6.30 PM-7.00 PM	REGISTRATION		
7.00 PM-8.00 PM	Dinner		

MONDAY, 6 th June 2016						
TIME	PROGRA	PROGRAM				
8.00 AM-9.30 AM	REGISTRA	REGISTRATION				
9.45 AM-10.45 AM	Opening Co	eremony				
10.45 AM-11.00 AM	Coffee Bre	ak				
11.00 AM-12.00 PM	PLENARY	'-1: Prof. C.N.R	. Rao			
12.00 PM-1.00 PM	PLENARY	-2: Ada A Yona	ath			
1.00 PM-2.00 PM	Lunch Brea	ak				
2.00 PM-2.40 PM	PLENARY	-3: Spiros H Ar	natasiad	is		
2.40 PM-3.10 PM	KL-1:			KL- 2:		
	Prof. Katha	rina Al Shamer	У	Dr. R	eji John	
3.10 PM-4.00 PM	OP-1	OP-6	OP-11		OP-16	OP-21
	OP-2	OP-7	OP-12),	OP-17	OP-22
	OP-3	OP-8	OP-13		OP-18	OP-23
	OP-4	OP-9	OP-14		OP-19	OP-24
	OP-5	OP-10	OP-15	i	OP-20	OP-25
4.00 PM-4.15 PM	Coffee Bre	ak				
4.15 PM-4.45 PM	KL-3:			KL-5:		
	Dr. S Anan	dhan		Dr. Pr	athap Kollu	
4.45 PM-5.15 PM	KL-4:			KL-6:		
	Prof. Dr. Mohd K Mustafa Dr. N Vijayan					
5.15 PM-7.15 PM	OP-26	OP-38	OP-50)	OP-62	OP-74
	OP-27	OP-39	OP-51		OP-63	OP-75
	OP-28	OP-40	OP-52),	OP-64	OP-76

	OP-29	OP-41	OP-53	OP-65	OP-77
	OP-30	OP-42	OP-54	OP-66	OP-78
	OP-31	OP-43	OP-55	OP-67	OP-79
	OP-32	OP-44	OP-56	OP-68	OP-80
	OP-33	OP-45	OP-57	OP-69	OP-81
	OP-34	OP-46	OP-58	OP-79	OP-82
	OP-35	OP-47	OP-59	OP-71	OP-83
	OP-36	OP-48	OP-60	OP-72	OP-84
	OP-37	OP-49	OP-61	OP-73	OP-85
7.15 PM- 8.15 PM	POSTER PRESENTATIONS				
8.15 PM-9.00 PM		DINNER			

	TUESDAY, 7 th June 2016					
TIME	PROGRAM					
9.00 AM- 10.00 AM	PLENARY	- 4: Prof. Klaus	von Kl	itzing		
10.00 AM-10.40 AM	PLENARY	- 5: Dr. John Pl	nilip			
10.40 AM-11.20 AM	PLENARY	- 6: Prof. Reji F	Philip			
11.20 AM-11.30 AM	Coffee Bre	ak				
11.30 AM-12.00 PM	KL-7			KL-8		
	Dr. Sukhen	du Mandal		Prof.	Constantinos Si	mserides
12.00 PM-12.30 PM	KL-9	KL-9 KL-10				
	Dr. Sanjay Dhole Dr. Manickam Mahendran			dran		
12.30 PM-1.00 PM	OP-86	OP-89	OP-92		OP-95	OP-98
	OP-87	OP-90	OP-93		OP-96	OP-99
	OP-88	OP-91	OP-94		OP-97	OP-100
1.00 PM-2.00 PM	Lunch					
2.00 PM-2.40 PM	PLENARY	- 9: Prof. Sholo	mo Mac	lassi		
2.40 PM-3.10 PM	KL- 11:			KL- 12	2:	
	Prof.Alison Downard Prof.MFP Kunha Martins Costa			tins Costa		
3.10 PM-4.00 PM	OP-101	OP-106 OP-111 OP-116 OP-121		OP-121		
	OP-102	102 OP-107 OP-112 OP-117 OP-122				OP-122
	OP-103	OP-108	OP-11	3	OP-118	OP-123

	OP-104	OP-109	OP-1	14	OP-119	OP-124
	OP-105	OP-110	OP-11	15	OP-120	OP-125
4.00 PM-4.15 PM	Coffee Bre	ak				
4.15 PM-4.45 PM	KL-13:			KL-15:	:	
	Dr. Sandee	ep Kumar		Dr. An	nal Kumar Das	
4.45 PM-5.15 PM	KL-14:			KL-16:		
	Prof. Anato	Prof. Anatoly V Zayats		Dr. Madhavan Jacob		
5.15 PM-6.15 PM	OP-126	OP-132	OP-13	38	OP-144	OP-150
	OP-127	OP-133	OP-13	39	OP-145	OP-151
	OP-128	OP-134	OP-14	40	OP-146	OP-152
	OP-129	OP-135	OP-14	41	OP-147	OP-153
	OP-130	OP-136	OP-14	42	OP-148	OP-154
	OP-131	OP-137 OP-143		OP-149	OP-155	
6.15 PM-7.15 PM	POSTER PRESENTATIONS					
7.15 PM-9.00 PM		В	BANQU	JET DIN	NER	

WEDNESDAY, 8 th June 2016				
TIME	PROGRAM			
9.00 AM- 10.00 AM	PLENARY- 7: Prof. Norbert Kroo			
10.00 AM-10.40 AM	PLENARY- 8: Prof. Peter Baeurel	e		
10.40 AM-11.10 AM	KL:17	KL:18		
	Dr. Jai Singh	Prof. Rajan Jose		
11.10 AM-11.20 AM	Coffee Break			
11.20 AM-11.50 AM	KL:19	KL:20		
	Prof. Ajayan Vinu	Prof. Feng Yuan Ping		
11.50 AM-12.30 PM	PLENARY- 21: Dr. Suresh Das			
12.30 PM-1.00 PM	VALIDITORY FUNCTION			
1.00 PM-2.00 PM	Lunch			

2016-17

Department of Economics

A seminar on "Goods and Service Tax 2016" was organised by the department on 7th September 2016. Sri. T.C. Mathew (senior Associate Editor, Deepika Daily) was the guest of honour. He delivered the key note address. He emphasised the pros and cons of GST while implementing throughout the country. The whole teachers and students of the department engaged the programme.



Dr. P J Thomas Centre for Social Sciences research seminar

One day state seminar on "*Demonetisation 2016: Dynamics & Ramifications*" was organized on 22nd February 2017. Dr .P.C. Cyriac (Former Additional Chief Secretary, Tamil Nadu) was the chief Guest.



Academic Session II (1.50 pm -3.30 pm)

Paper presentation session

Chair

Ms. Tinchu P. James (Asst. Prof. of Political Science)

Political Economy of Demonetisation: A Critical Perspective-Nidhin Jose & Amala Jose II M A Political Science

Demonetisation and the Co-operative Sector in Kerala: An empirical Analysis- Alwin Jose& Sherin George-II M A Economics

Evolution of Currency System and Examples of Abruptions in History- Sajan P Roy & Allumerit Antony-II M A History

Effect of Demonetisation in the Retail sector of Kottayam District-Solomon Paily & Nisha Anna John- II M Com

DR. P.J. THOMAS - A PROFILE

Dr. P.J. Thomas was the Professor of Economics, at Madras University from 1927 to 1943. He was nominated to the Madras Legislative Council in 1937 when Mr. C. Rajagopalachari formed the interim government in Madras. Later he became the Economic Advisor to Mr. C. Rajagopalachari. It was during this period the Madras Government introduced sales tax in lieu of the revenue loss incurred on account of prohibition.

He was appointed Economic Advisor to Government of India during 1942-48. He was one of the three member Indian delegation to San Francisco USA, for the inaugural session of the UNO in 1945. He was also President of Indian Economic Association during 1937-38.

He was the first member to represent Kerala in Rajya Sabha who had been elected unanimously in 1957. He wrote many books on Economics, History and Malayalam Literature. He was called to eternal rest on 26th July 1965.

With Best Compliments from

PARENT TEACHER ASSOCIATION ST. THOMAS COLLEGE, PALA

ENVISIONED TO NURTURE LIFE, LIGHT & LOVE ACROSS GENERATIONS



ONE-DAY STATE SEMINAR ON

Demonetisation 2016: Dynamics and Ramifications



Organised by

Dr. P. J. Thomas Centre for Social Sciences Research St. Thomas College, Pala

Venue: Library Hall

Time: 10.00 am

Date: 22nd February 2017 (Wednesday)

Arunapuram 12-02-2017

Dear Sir/Madam.

Dr. P. J. Thomas Centre for Social Sciences Research was formed in 2004 to commemorate the cherished ideas of the late Dr. P. J. Thomas, Economic Advisor, Govt. of India and the first Principal of St Thomas College, Pala. This Centre strives to enlighten the Social Science students of this College through Seminars, Discussions and Workshops on issues of socio-economic relevance.

Demonetisation of high denomination currencies announced on 8th November 2016, was a drastic but positive move to stamp out the evils of black money and hasten India's drive towards a cashless digital economy. But, it unleashed liquidity crisis of unprecedented dimensions. Nation lined up in queues to withdraw a fraction of their own savings. Rural economy was hit hard. So was the case of industry. The credibility and existence of cooperative sector was questioned. Our Economy is facing an artificially induced recession. Were all these sufferings worth bearing? As the Prime Minister reaffirms the nation that the 'surgical strike' against black money was launched at the right time and will continue until the system is corrupt-free and clean, the time is ripe for us to put the dynamics and ramifications of Demonetisation 2016 to academic scrutiny.

With great pleasure we invite you to the one day seminar on 'Demonitisation 2016: Dynamics and Ramifications' organized by Dr. P.J. Thomas Centre for Social Science Research, St. Thomas College, Pala on February 22, 2017 (Wednesday).

With warm regards,

Dr. Sunny Joseph Rev.Dr. James John Mangalathu Principal Vice Principal

Prof. K.V. John (HOD Commerce) Dr. Shajimon K. Mathews (HOD Political Science)

Dr. Joy George

(HOD Economics)

PROGRAMME

February 22, 2017 - Wednesday

10.05 am

: Inaugural Session

Prayer

Words of Welcome:

Rev.Dr. James John Mangalathu

(Vice Principal, St. Thomas College, Pala)

Presidential Address

Dr. Sunny Joseph

(Principal, St. Thomas College, Pala)

Inaugural Address : Sri. P.C. Cyriac I.A.S.

(Former Additional Chief Secretary, Govt. of Tamil Nadu)

KeyNote Address:

Prof. P.S. Mathew

(Former HOD of Economics, St. Thomas College)

Dr. P. J. Thomas -

A Retrospect

Prof. Bobby Simon

(Asst. Professor of Commerce.

St. Thomas College, Pala)

Vote of Thanks

Dr. Biju K.C.

(Asst. Prof. of Economics, St. Thomas College)

Academic Session I (11.45 am - 1.00 pm) Presentations by the Faculty

Dr. Stany Thomas (Asso. Prof. of Political Science)

Impact of Demonetisation on Terrorism and other Organised Crimes- Jayakrishnan R. Asst. Prof. of Political Science, St Thomas College, Pala

Cashless Economy and Future Tax Compliance -Alan Zacharia Asst. Prof. of Economics, St Thomas College, Pala

Demonetisation and its Effect in Capital Market; a Sector wise Analysis - Jinu Mathew Asst. Prof. of Commerce, St Thomas College, Pala

Demonetisation and the Changing Perceptions of the Common Man - Libin Francis Asst. Prof. of History, St Thomas College, Pala

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A seminar on "*Economic history and the Polity in Medieval Kerala*", was organised by the department of Economics. The Key note address was delivered by Rev. Dr. Pius Malekkandathil, a famous historian. (Professor, Delhi University) on 14 December 2016. The students and teachers of Economics, Political Science and History attended the function.



Contemporary Politics and Questions of Ethical Citizenship on 12-08-2016





International Seminar on

'Probing Alterities in the Postmodern Scenario'

On 5.9.2016

An International Seminar was organized by the Department of English on 'Probing Alterities in the Postmodern Scenario' in the Library Hall. Dr. Clara A.B. Joseph of Calgay University Canada premiered the discussions on the subject. Dr. T.J. Abraham said Post Structuralism is strewn with dead bodies we see the death of God, Author, Man, the end of History and Philosophy. Both Levinas and Gandhi can offer an answer to the absence created by Post Structuralism. Both speak of the failure of Modernity or Enlightenment project as illustrated in Western industrialism and Nationalism. The Philosophical base of Post Modernism is Post Structuralism and it comes up with liberation of women and working class. There are no centers and margins. Thus a democracy was brought in. IN literature what we have is representation, Everything is fixed,ontologised. So Levinas rejects Literary art.





Research & PG Department of Political Science St. Thomas College, Palai



UGC SPONSORED INVITED LECTURES FOR THE PROMOTION OF ETHICS AND HUMAN VALUES

ON THE THEME

FOURTH ESTATE AND HUMAN RIGHTS

DR.LIGIMOL P JACOB

(Asst. Professor, School of Communication and Journalism, M G University PD Hills)

Venue: Library Hall Date: 02-11-2016 Time: 10.00 AM



ST. THOMAS COLLEGE PALA

POST GRADUATE & RESEARCH DEPARTMENT OF HINDI

ONE DAY SEMINAR

THE PROSPECTS OF TRANSLATION IN MULTIMEDIA बहुमाध्यमिक संदर्भ में अनुवाद की संभावनाएँ

Resource Persons

Dr. Herman P.J. Assistant Professor, Dept. of Hindi, Calicut University
Dr. Seema Chandran Assistant Professor, Dept. of Hindi, Cental University, Kasargode

22nd February 2017, Venue: Tisserant Hall

Migration and Malayali Diaspora on 27-10-2016





Demonetizations and the Impact on Cooperative Sector: its impact on Keralas Political Economy

on 16-02-2017







	Two Day Training Po	ogram on SPSS, SA.	S& R
	10 Health Sciences &	the St. John's National Ac Research, Bangalore March 2017 by	0
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ST.THOMAS COLLEGE, PALA

COLLEGE WITH POTENTIAL FOR EXCELLENCE - UGC (2010 and 2015)



Newsletter

VOL. XIX NO.1 JUNE 2017

2016 - 2017

Principal's Message No Solitaire, Only Teamplay



Every eventful academic year is an important milestone in the annals of the academia. The year 2016-17 stands out with its glittering academic performance and infrastructural development. We have witnessed a quantum leap in respect of augmentation in infrastructural facilities with the inauguration of the Integrated Sports Complex. It includes a vast auditorium that seats over a thousand people. Construction of an air-conditioned conference hall/assembly room in the ground floor of the sports complex is well underway.

The greatest academic event of the year, that has taken centre stage among activities of the year, was the International Conference on Materials Science and Technology organised by the Dept. of Physics. St. Thomas College was really blessed with the esteemed presence of two Nobel laureates in Physics Prof. Klaus von Klitzing (Germany) and Prof. Ada E. Yonath (Israel), both of them highly distinguished in their fields of research. We are, as reported, the first college in the state to have the rare privilege of having two Nobel laureates as resource persons for the same event. The conference was also attended by eminent scientists and technocrats from abroad alongside experts from various Indian universities and colleges. Members of the Physics faculty of our college, especially Dr. Michael Augustine, HoD and Dr. Ginson P. Joseph, convener of the conference, deserve special commendation.

The performance of our students in academics and sports this year has been really creditable. There was a general blossoming out in studies, sports and extra curricular activities as evidenced by the ranks, grades, prizes and trophies won by our students. Everything went fair, there was no bad blood, no gravitation toward rude behaviour or chicanery, and the peace and harmony that prevailed in the campus enabled us to reap a good harvest in the academic field. I thank the teachers for their wholehearted support and committed teaching, the non-teaching staff for their co-operation and devoted work, the students for their diligence and participation, the parents for their caring and concern and the management, university, the UGC and the Government for their guidance and patronage. Our patron H. E. Mar Joseph Kallarangatt, Bishop of Palai and our Manager H. E. Mar Jacob Murickan, Auxiliary Bishop of Palai have been pillars of strength and beacons of hope for this institution. Our academic and other achievements bear witness to Almighty God's infinite mercy. Right from the moment of conceiving the idea of establishing an institution of higher learning by our founding fathers, God has showered his choicest blessings upon us, all through these academic decades.

I take this opportunity to thank everyone for their unstinting support and co-operation in the administration of this mighty institution. The responsibilities I shoulder in his institution are exciting, enriching and also challenging. Let us rise in the academic heavens as one, as a single entity endowed with a sense of solidarity and purpose.

I wish all success to our great institution and each one of its stakeholders. God bless you!

Dr. Joy George

Second International Conference on Materials Science and Technology (ICMST 2016) Conducted

Nobel Laureates Prof. Ada E. Yonath and Prof. Klaus von Klitzing deliver plenary talks

As a sequel to the first International Conference on Materials Science and Technology (ICMST 2012), the Department of Physics conducted the second ICMST from 5 to 8 June 2016 with the participation of around 550 scholars and delegates from 20 countries. The conference opened with a public lecture by Prof. Ravi Subramanian, Director of Raman Research Institute, Bangalore, on 5 June 2016. The formal inauguration of ICMST 2016 was conducted on 6 June 2016 by Prof. P. J. Kurian, Honourable Deputy Chairman of the Rajya Sabha, in the presence of the Nobel laureates Prof. Ada E. Yonath (Israel) and Prof. Klaus von Klitzing (Germany). H. E. Mar Joseph Kallarangatt, Bishop of Palai and Patron of the College, presided over the inaugural function. Principal Dr. Sunny Joseph felicitated. Dr. Michael Augustine (Head, Dept. of Physics) welcomed the gathering and Dr. Ginson P. Joseph (Convener)



Prof. P. J. Kurian, Hon'ble Deputy Chairman of the Rajya Sabha, inaugurates ICMST 2016

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ST.THOMAS COLLEGE, PALA COLLEGE WITH POTENTIAL FOR EXCELLENCE - UGC (2010 and 2015)



Nobel laureate Prof. Ada E. Yonath (Israel) delivering the plenary talk



Nobel laureate Prof. Klaus Von Klitzing (Germany) delivering the plenary talk

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Dr. Radhakrishna Prabhu (UK)



Prof. Katharina Al-Shamery (Germany)



Dr. John Philip (India)



Prof. Spiros H. Anastasiadis (Greece)



Prof. Peter Baeuerle (Germany)



Prof. Alison Downard (New Zealand)



Dr. Reji Philip (India)



Prof. Norbert Kroo (Hungary)



Poster presentations



Prof. Norbert Kroo giving away the awards at the valedictory session

proposed the vote of thanks. The 11 plenary speakers including the Nobel laureates, the 12 keynote speakers and the 15 invited speakers including institute directors, science advisers to governments, and eminent scientists from various countries provided major boost to the exchange of latest advances in Materials Science and Technology. All the speakers were most renowned scientists in Materials Science and the young researchers from India and abroad relished their talks and drew inspiration during the discussion sessions. ICMST 2016, with 180 oral presentations and 265 poster presentations, covered all important topics of current interest in Materials Science and Technology. The presenters were motivated by awards for the best oral and poster presentations.

The conference succeeded in providing an ideal platform for all the participants to refresh their knowledge base and to get exposed to the most up-to-date information on advances in the realm of Materials Science. Young students, researchers and teaching faculty from India and abroad acknowledged the grand success of the well chalked-out scientific programme as it contributed to the growth of a research-oriented mindset and motivated young minds to pursue a career in Materials Science. The conference also promoted cultural exchange

between foreign and Indian scholars and encouraged collaborations/exchange among international/national institutes. The participants explored novel ideas by brainstorming sessions and interactions with experts. As it has brought in a large number of great luminaries including Nobel laureates under one roof for a few days, the research aspirants from even the remotest areas were provided with an opportunity to interact and share ideas with them. The

participants evaluated this conference as the best among peer conferences with its innovativeness in theme and richness in content. ICMST 2016 concluded with a formal valedictory function presided over by Prof. Norbert Kroo, Presidential Adviser, Hungarian Academy of Sciences, Hungary. The new areas of research and collaboration that emerged out of this conference is sure to assist immensely the further technological advancements in Materials Science.



Dr. Ginson P. Joseph, Convener, ICMST 2016

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Ada E. Yonath – Nobel Laureate in Chemistry (2009)

Ada E. Yonath (born 22 June 1939) is an Israeli biochemist and crystallographer best known for her pioneering work on the structure of the ribosome. She is the current director of the Helen and Milton A. Kimmelman Center for Biomolecular Structure and Assembly of the Weizmann Institute of Science, Rehovot, Israel.

In 2009, she received the Nobel Prize in Chemistry along with Venkatraman Ramakrishnan and Thomas A. Steitz for her studies on the structure and function of the ribosome, becoming the first Israeli woman to win the Nobel Prize out of ten Israeli Nobel laureates, the first woman from the Middle East to win a Nobel Prize in the sciences, and the first woman in 45 years to win the Nobel Prize for Chemistry.



Prof. Ada E. Yonath

Klaus von Klitzing – Nobel Laureate in Physics (1985)

Klaus von Klitzing (born 28 June 1943) is a German physicist, known for the discovery of the integer quantum Hall effect, for which he was awarded the 1985 Nobel Prize in Physics. He has been a director of the Max Planck Institute for Solid State Research in Stuttgart, Germany since 1985.

The Von Klitzing constant, which looks like: RK = h/e2 = 25812.8074555(49) $\Omega,$ was named in honour of Klaus Von Klitzing's discovery of the Quantum Hall Effect. The constant has been listed on the National Institute of Standards and Technology (NIST) Reference on Constants, Units, and Uncertainty. In his constant, Von Klitzing gave the inverse value of one quantum of electrical conductance. It was an important step in the development of the science of physics, for it opened the door to allow a more precise measurement of the ohm, the standard unit of electrical resistance.



Prof. Klaus Von Klitzing

Prathibhanam 2017 - Tributes to Sreekumaran Thampi

The Department of Malayalam organised a glittering function titled 'Prathibhanam 2017' to felicitate and pay tributes to Sri. Sreekumaran Thampi, the legendary Malayalam poet, scriptwriter, film director and producer, who completed fifty years in the Malayalam film industry. H. E. Mar Jacob Murickan, Auxiliary Bishop of Palai and Manager of the College,

honoured Sri Sreekumaran Thampi by draping him with a ponnada at the function presided over by Dr. Sunny Joseph, Principal. Dr. Davis Xavier, Head, Department of Malayalam, offered felicitations. A ganamela was also organised in which Sri. Sreekumaran Thampi's lyrics were sung.



H. E. Mar Jacob Murickan drapes Sri. Sreekumaran Thampi with a ponnada

SEMINARS, CONFERENCES, WORKSHOPS AND LECTURES

National Seminar on Translation



Principal Dr. Sunny Joseph inaugurates the national seminar

As part of Hindi Translation and Documentation Programme, a one-day National Seminar was organised by the Department of Hindi on the topic 'The Prospects of Translation in Multimedia' on 22 February 2017. The chief resource persons were Dr. Seema Chandran, Assistant Professor, Central University, Kasaragode and Dr. Herman P.G., Assistant Professor, Calicut University. The purpose of the seminar was to inculcate research aptitude and employability skills among the students.

National Workshop on Experimental Physics

A national level workshop on 'Experimental Physics' for college teachers was organized by the Department of Physics from 29 June to 2 July 2016. 36 teachers from all over the country participated in the programme. The theoretical framework of the experiments was discussed on the first day of the workshop, followed by their hands-on training on the remaining 3 days. The workshop was conducted in association with the Academy of Physics Teachers Kerala and co-sponsored by Mahatma Gandhi University, Kottayam. Dr. Ison V. Vanchipurackal was the resource person and organizing secretary of the workshop.



College Physics teachers who attended the workshop

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Seminar on Demonetisation 2016



Sri. P. C. Cyriac IAS inaugurates the seminar

Dr. P. J. Thomas Centre for Social Sciences Research of the College organised a state-level seminar on 'Demonetisation 2016: Dynamics and Ramifications' on 22 February 2017. Sri. P. C. Cyriac IAS (Former Additional Chief Secretary, Tamil Nadu) inaugurated the seminar at a meeting presided over by Dr. Sunny Joseph, Principal. Prof. P. S. Mathew (Former Head, Dept of Economics) delivered the keynote address. Prof. Bobby Simon presented a retrospect on the late Dr. P. J. Thomas, Economic Adviser to Govt. of India and the first Principal of the College. There were also two academic sessions with presentations by the faculty and students on topics related to demonetisation.

Seminar on English Literature

On 5 September 2016, an International Seminar was organized by the Department of English on 'Probing Alterities in the Postmodern Scenario'. Dr. Clara A.B. Joseph of Calgary University, Canada, led the discussions on the subject.



Dr. Clara A. B. Joseph inaugurates the seminar

Seminar on Hindi Literature

A seminar was organised by the Department of Hindi on the topic 'Re-Reading of Hindi Mystical Poems' on 5 January 2017. The chief resource person was Rev. Dr. M D Thomas, the Icon of India Award winner and former Director of CBCI Commission for Religious Harmony. The purpose of the seminar was to create a special aptitude among students towards Hindi language and literature.



Principal Dr. Sunny Joseph inaugurates the seminar

Prof. M. T. Thariyan Endowment Lecture



Sri. K. M. Mani MLA delivers the endowment lecture

Prof. M. T. Thariyan Endowment Lecture 2017 was delivered by Sri. K. M. Mani MLA, former Minister for Finance and Law, Govt. of Kerala, on the topic 'Union Budget, Demonetisation and the Impact on Co-operative Sector', on 16 February 2017. He also distributed scholarships to meritorious students at the meeting organised by the Political Science Association and presided over by Dr. Sunny Joseph, Principal.

Panel Discussion on BREXIT and the Future of the Idea of Europe

A Panel Discussion on the topic 'BREXIT and the Future of the Idea of Europe' was organised by the Department of Politics on 5 August 2016. The panellists were: Prof. Chandran Komath (Govt. College, Kottayam), Prof. Dawson D'Souza (Maharajas College, Ernakulam), Dr. Anil Kumar (University College, Trivandrum) and Dr. Mathew Varghese (Research Fellow).



The panel discussion on BREXIT in progress

Training Programme on R Programming, SAS and SPSS

A two-day training program on 'R Programming, SAS and SPSS' was organized by the Department of Biostatistics during 11-12 March 2017 in collaboration with St. John's Medical College, Bangalore. The resource persons were Ms. Nivya George and Ms. Irene Elizabeth Joy from St. John's Research Academy, Bangalore.



Dr. K. K. Jose speaks at the training programme

ST.THOMAS COLLEGE, PALA COLLEGE WITH POTENTIAL FOR EXCELLENCE - UGC (2010 and 2015)

Seminar on the Importance of Environmental Conservation

A one-day seminar on the 'Importance of Environmental Conservation and Indian Tradition' was organized by the Department of History in collaboration with the Heritage Society, Pala, on 18 October 2016. Dr. Sunny Joseph, Principal, inaugurated the meeting which was presided over by Sri. George Thomas Kottukappally. Prof. Mathew Vannisseri was the key speaker of the session. Rev. Dr. James John Mangalathu and Adv. Jose Kachiramattom proposed the welcome address and vote of thanks respectively.

National Workshop on Biostatistics for Medical Research

A National Workshop on 'Biostatistics for Medical Research' was organized by the Department of Biostatistics in collaboration with ISMS during 11-12 December 2016. The resource persons were Dr. Anil C. Mathew, PSGIMSR, Coimbatore, and Dr. Kalesh M.Karun, Manipal University, Mangalore.

INVITED LECTURES DELIVERED BY EXPERTS

DEPARTMENT OF ECONOMICS

1. **Sri. T. C. Mathew** (Senior Associate Editor, *Deepika*) delivered an invited lecture on the topic 'Goods and Service Tax 2016' on 7 September 2016.



Sri. T. C. Mathew

2. **Rev. Dr. Pius Malekandathil** (Professor, Centre for Historical Research, Jawaharlal Nehru University, New Delhi) delivered an invited lecture on the topic 'Economic History and the Polity in Medieval Kerala' on 14 December 2016.

DEPARTMENT OF BIOTECHNOLOGY AND APPLIED MICROBIOLOGY

- 1. **Dr. Jijo Mathews** (Latrobe University, Australia) delivered an invited lecture on 'Neurotransmitters' on 19 May 2016.
- 2. **Dr. Merlin Antony** (School of Biosciences, M. G. University, Kottayam) delivered an invited talk on 'Advances in Molecular Biology' on 30 June 2017.
- 3. **Dr. Radhakrishnan E. K.** (School of Biosciences, M. G. University, Kottayam) delivered an invited talk on 'Microbiome' on 5 December 2016.



Dr. Radhakrishnan E. K.

DEPARTMENT OF MALAYALAM

1. **Dr. P. N. Vijayappan** (Former Head, Department of Malayalam, Thunjath Ezhuthachan Malayalam University, Tirur) delivered the Thunjath Ezhuthachan Memorial Lecture on 24 October 2016.



Dr. P. N. Vijayappan

2. **Dr. Muhammed Basheer** (Former Professor, PSM College, Thirurangadi) delivered an invited lecture on 'Mohiyuddin Mala and Mappilappattukal' on 1 January 2017.

DEPARTMENT OF STATISTICS

1. **Dr. M. R. Sreenivasan**, (Professor and Head, Department of Statistics, University of Madras) delivered an invited lecture on the topic 'Outliers in Multivariate Data' on 22 August 2016.



Dr. M. R. Sreenivasan

2. **Ms. Sangeetha Jose** (Assistant Advisor, Reserve Bank of India, Mumbai) delivered an invited talk on 'Banking Sector Reforms' on 27 October 2016.

DEPARTMENT OF PHYSICS

- 1. **Dr. George Varghese** (Director, Kerala State Council for Science, Technology and Environment, Govt. of Kerala) delivered an invited lecture on 'Gravitational Waves'.
- 2. **Prof. P. Pradeep** (National Institute of Technology, Calicut) delivered an invited talk on 'Solar Cells Basic Principles'.



Dr. George Varghese

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UGC - Sponsored Invited Lectures for the Promotion of Ethics and Human Values

The Department of Politics organised a series of 'Invited Lectures for the Promotion of Ethics and Human Values' under the UGC Scheme of Human Rights Educaton as detailed below.

	Торіс	Speaker (s)	Date
I	Contemperary Politics and Questions of Ethical Citizenship	 Dr. P. Sanal Mohan (School of Social Sciences, Mahatma Gandhi University) Sri. Anish R. (Centre for Historical Research, Jawaharlal Nehru University, New Delhi) 	12-8-2016
II	Critical Reflections on Recent Concerns in Indian Nationalism : A Dalit Prespective	Sri. Sunny M. Kapikad (Dalit scholar and writer)	30-9-2016
III	Nationalism, Religion and Politics in India: Contemporary Debates	Dr. Vijesh T. P. (NSS College, Ottappalam)	30-9-2016
IV	Migration and Malayali Diaspora	Sri. Benyamin (Writer)	27-10-2016
V	No Human is Illegal	Sri. Saji Markose (Ministry of Housing, Govt. of Bahrain)	27-10-2016
VI	Fourth Estate and Human Rights	Dr. Ligimol P. Jacob (Department of Communication and Journalism, Mahatma Gandhi University)	2-11-2016
VII	Redefining Gendered Notions of Sexuality	Mx. Sheetal Syam (LGBTQ Activist)	30-01-2017
VIII	Social Orientation and Gender Identity (SOGI) Inclusion	Dr. Jijo Kuriakose (Founder Member, Queerla)	30-01-2017

The lecture series was organised with sponsorship from the UGC to the tune of Rs. 1,00,000/-. Prof. Sijo Mathew co-ordinated the lecture series.







Sri. Saji Markose

Sri. Benyamin

Mx. Sheetal Syam