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CENTRAL UNIVERSITY OF KERALA

DEPARTMENT OF PHYSICS

REPORT

IUAC Acquaintance Programme & One Day National Workshop on Accelerator Based Science Research

Department of Physics, CUK has organized one day national Workshop on Accelerator Based Science Research IUAC Acquaintance Programme on 29.10.2018. The invited speakers from different part of the country shared their knowledge and experience. The various opportunities available for the students to pursue their career in the field of research were also emphasized in the programme. It also provided details about the various experimental facilities and opportunities available at IUAC, New Delhi. The programme mainly focussed on the recent trends in the research and employability opportunities, about 149 participants from different parts of the country attended the programme.

IUAC Acquaintance Programme & One Day National Workshop Accelerator Based Science Research

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on October 29, 2

Venue: Central University of Kerala Tejaswini Hills, Periye (P.O.), Kasaragod (D Kerala - 671316

Department of Physics, Central University of Kerala is organizing Inter-University Accelerator Centre (IUAC) acquaintance program and One Day National Workshop on Accelerator Based Science Research on 29th of October 2018 in the Department of Physics (Narmada Building), Central University of Kerala.

IUAC New Delhi, is an inter-university centre, established by the University Grants Commission (UGC) in 1984. The primary objective of the centre is to establish within the university system world class facilities for accelerator-based research. IUAC aims to formulate common programs of research and development in collaboration with universities, IITs and other research institutions. The 15UD Pelletron accelerator and the superconducting linear accelerator facilities along with world class experimental facilities such as Hybrid Recoil mass Analyser (HYRA), Heavy Ion **Reaction Analyser (HIRA), Indian National** Gamma Array (INGA), National Array of Neutron Detectors (NAND) etc., provide opportunities for cutting edge research in fundamental as well as applied sciences for the university users. The primary fields of research include nuclear physics, atomic physics, materials science, radiation and accelerator biology mass spectrometry. In this one-day programme, we plan to acquaint prospective users from colleges, universities and other institutes, from the surrounding area, with the experimental facilities and opportunities available at IUAC.

List of Speakers

- Prof. K. M. Varier (University of Kerala, Trivandrum)
- Prof. B. R. S. Babu (Sultan Qaboos University, Oman)
- Prof. A. M. Vinodkumar (University of Calicut, Calicut)
- Dr. Ambuj Tripathi (Scientist, IUAC, New Delhi)
- Dr. Subir Nath (Scientist, IUAC, New Delhi)
- Dr. Rhine Kumar (CUSAT, Cochin)
- Dr. Senoy Thomas (CUSAT, Cochin)

Along with the acquaintance program, we are organizing a national workshop on science research using accelerator facilities. The workshop comprises of invited lectures by eminent scientists from various universities. Persons willing to participate are required to apply with their name, corresponding address and field of interest to Dr. E. Prasad, Local Co-ordinator before 15th October 2018. TA will be provided to the participants.

Organizing Committee

- Dr. E. Prasad (Local co-ordinator)
- I Prof. Kalarikad Jonah Thomas
 - (Head, Department of Physics, C
- Prof. Vincent Mathew
- Dr. Swapna S Nair
- 🛛 Dr. Subasa Chandra Sahoo
- Dr. P. M. Aneesh

Contact Persons

Dr. S Nath Inter University Accelerator Centre Aruna Asaf Ali Marg Post Box Number 10502 New Delhi 110067 Dr. E Prasad Department of Physics Central University of Kerala Thejaswini Hills, Periye, Kasaragod Kerala 671316



OI NI-		Affliation	Remarks
Sl No	Name	Affliation	Renderks
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2.	Prof. Narayana Yerol Professor	Manglore university	A
3.	Sunil K. C. Research Scholar	Manglore university	Sung
4.)	Chethan Research Scholar	Manglore university	
5.	Preethy Research Scholar	Manglore university	
6.	Sruthi K. N. Asst. Professor	Srinivas Institute of technology	P
7.	Rihana Banu Asst. Professor	Govt. First grade college	Abany
8.	Meenakshi Compla t G Asst. Professor	Govt. First grade college Devanagre Hassa	
9.	Ganga S Kumar Msc Student	Manglore University	
10.	Seema R Asst. Professor	JNDIAN ACADEMY Govt. First grade college DEGREE AUTOMOMOUS, BANGALORE	ちったってい
11.	Jaiby Joseph Student (Teacher)	K. E. College, Mannam	H.
12.	Awumaria Jose Joseph Student	K. E. College, Mannam	A.
13.	Dr. Basnur Manjunatha Professor	Manglore University	
14.	Dr. Murali	NAS	
15.	Pradeep Nayak	Dharwad	Royal
16.	Ashwitha S Asst. Professor	Puthur college	Jie

List of Participants.

17.	Savitha Monteiro A Asst. Professor	Puthur college	Studieurs
18.	Sujith S Student	Puthur college	JAM
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20.	Poojashree V Rai Student	Puthur college	Profe
21.	Akshatha G Student	Puthur college	Achathac
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27.	Pramitha A Student	Puthur college	BATTOM.
28.	Anoosha K N Student	Puthur college	Anogla. K. N
29.	Priyalatha Student	Puthur college	Anosla.K.N. Prit .M.
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32.	Rachana K Student	Puthur college	A

33.	Lekshmi Priya L Student	Puthur college	104ab	
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35.	Shilpa M P Student	Puthur college	fiftys	
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38.	Divya Seetharama			
39	Chethan G	Manglore university	ale	
40.	Haritha A	University College Manglore	Kor	
41.	S. Sakthivel Assistant Professor	Govt. Arts college, Karur	Str. Equ	
42.	Deepthi Bipin	K E College Mannanam	Caylu	
43.	Rekha K MSc Student	Manglore University	RUS	
45.	Shilpa C K MSc Student	Manglore University	827	
46.	Lakshmi Chandran	Manglore University	- Aller	
47.	Sathish Balan	Mahe College		
48.	Rajesh, PhD	Calicut University	1	
49.	Dr. A. P. Bhat HoD	Poornaprajna College, Uduppi		
50.	Divya Vasanthkumar Lecturer	Poornaprajna College, Uduppi		
51.	Ghanavi. M. B. Lecturer	Poornaprajna College, Uduppi		
52.	Suchetha M Lecturer	Poornaprajna College, Uduppi		

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53 .	Chaithra Lecturer	Poornaprajna College, Uduppi	
54.	Dr. Chandra Shekhara Shetty T	St. Aloysius College, Mangaluru	(Dear
55.	Dr. Rita Crasta	St. Aloysius College, Mangaluru	124
56.	Divya T. P. MSc	Thaliparamba Arts and Science College,Kannur	Date
57.	Dr. Ishwara Bhat S Associate Professor	St. Aloysius College, Mangaluru	Als.
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Facilities for Materials Science Research



The Workshop was awesome. All the stalks are really valuable in the respective fields. We got an out look of Recubling edge research going on at IVAC on accelerator and also in condenseel matter physics. We enject another work shop at CUK by this group which will be very helpful for the students. for their future research.

FEEDBACK ON IUAC ACQUAINTANCE PROGRAMME AND ONE DAY NATIONAL WORKSHOP

I feel blessed that I got the opportunity to be a part of the IUAC Acquaintance programme and one day national Workshop on accelerator based science research. It was an extremely informative seminar which influenced us a lot and ignited in me a strong desire to learn more about accelerators and nuclear science. The speakers were very articulate and knowledgeable, and remained interesting throughout the seminar. Also the program was well organised and adequate time for discussion was allowed after each session. It was an informative and intuitive session.

It was my immense pleasure to be able to attend the IUAC aquaintance programme and accelerator based science research. In India, nuclear and accelerator based research is very less compared to other physics areas. Hence it is a great opportunity for all of us to have such a program in our university itself. Speakers from various institutes, different part of the country shared their knowledge, experience and very well covered the basics researches going on here. Various workshops which is held in our department have really emphisised the interest of students to pursue their career in the filed of research. I can proudly say, we have good number of students doing PhD all over the country.

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