



Since 2013



Panjab University



PGIMER, Chandigarh



PEC, Chandigarh



IISER, Mohali



IIT Ropar



IMTECH, Chandigarh



NIPER, Mohali



CSIO, Chandigarh



INST, Mohali



ISB, Chandigarh



NABI, Mohali



CIAB, Chandigarh



NITTTR, Chandigarh



TBRL, Chandigarh



SASE, Chandigarh



GMCH, Chandigarh



CCET, Chandigarh



PSCST, Chandigarh



CDAC, Mohali



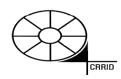
DIHAR, Chandigarh



SCL, Mohali



IDC, Mohali



CRRID, Chandigarh



Rayat-Bahra, Mohali



Chitkara University



Since 2013

Panjab University (PU)	Postgraduate Institute of Medical Education & Research (PGIMER)
Sector 14, Chandigarh 160014, India	Sector-12, Chandigarh - 160 012, India
Punjab Engineering College (PEC) University of Technology Sector -12, Chandigarh- 160012, India	Indian Institute of Science Education & Research (IISER Mohali) Knowledge city, Sector 81, SAS Nagar, Manauli-140306, India
National Institute of Technical Teachers Training & Research (NITTTR) Near Blind Institute, Sector 26, Chandigarh-160019, India.	CSIR-Central Scientific Instruments Organization (CSIR-CSIO) Sector 30C, Chandigarh-160030, India
National Institute of Pharmaceutical Education and Research (NIPER) Sector 67, S.A.S. Nagar, Mohali-160062, Punjab, India	Institute of Microbial Technology (IMTECH) Sector 39A, Chandigarh – 160036, India
Indian Institute of Technology Ropar (IIT Ropar) Nangal Road, Rupnagar, Punjab – 140001, India.	Government Medical College & Hospital (GMCH) Sector 32, Chandigarh-160030, India
Institute of Nano Science and Technology (INST) Habitat Centre, Phase- 10, Sector- 64, Mohali, Punjab – 160062	Terminal Ballistics Research Laboratory (TBRL) Defense Research and Development Organization (DRDO), Chandigarh
National Agri-Food Biotechnology Institute (NABI) C-127, S.A.S. Nagar, Phase 8, Mohali-160071, Punjab, India.	Indian School of Business (ISB) Knowledge City, Sector 81, SAS Nagar, Mohali, Punjab – 140306, India.
Snow & Avalanche Study Establishment (SASE) Defense Research and Development Organization (DRDO), Chandigarh	Center of Innovative and Applied Bioprocessing (CIAB) SAS Nagar, Mohali-160071, Punjab, India
Chandigarh College Of Engineering & Technology (CCET) Sector-26, Chandigarh 160019, India.	Defense Institute of High Altitude Research (DIHAR) Defense Research and Development Organization (DRDO), Chandigarh
Semi-Conductor Laboratory (SCL) Sector 72, S.A.S. Nagar, Mohali - 160 071, Punjab, India	Institute of Development and Communication (IDC) Sector 38-A, Chandigarh - 160014, India.
Centre for Development of Advanced Computing (C-DAC) A-34, Industrial Area, Phase VIII, Mohali, Chandigarh - 160 071, India.	Punjab State Council for Science & Technology (PSCST) MGSIPA Complex, Adjacent Sacred Heart School, Sector-26 Chandigarh
Centre for Research in Rural and Industrial Development (CRRID) Sector 19-A, Madhya Marg, Chandigarh - 160 019, India	Rayat-Bahra University V.P.O. Sahauran, Tehsil Kharar, Distt. Mohali-140104, Punjab, INDIA.
Chitkara University Chandigarh-Patiala National Highway (NH-64), Punjab - 140 401, India	



Since 2013

http://crikc.puchd.ac.in

Chairman CRIKC
Prof. Arun K. Grover
Vice Chancellor Panjab University

Coordinators
Prof. M. M. Gupta
Dept. of Physics, Panjab University

co-Chairman
Prof. Manoj K. Arora
Director PEC

Prof. S. K. Mehta
Professor of Chemistry & Director
SAIF/CIL Panjab University

ABOUT CHANDIGARH REGION INNOVATION AND KNOWLDEDGE CLUSTER

CRIKC represents a Cluster of Chandigarh Region Institutions to Promote & Sustain Excellence in Research. Its Mission Statement is to foster academic alliances between institutions of higher education & research in this region, to facilitate innovation & knowledge creation, achieving excellence in all academic spheres without compromising the autonomy of participating institutions. It aims to carry out joint & collaborative research projects, to initiate joint teaching/training programs, to encourage pooling of research facilities, to promote & sustain the following themes for excellence in research: Biomedical Sciences, Applications of Nanoscience & Nanotechnology, Theoretical Studies, Policy Planning for better comprehension of GOI programs & societal needs.



EVOLUTION, CONCEPT & MOTIVATION

21st century - Innovation and Knowledge creation are the key drivers of development. The competitiveness of any country is getting judged by its knowledge resource generation

To accelerate development of India, it is imperative that high impetus be given to policies and actions which stimulate innovations, address contemporary issues tuned specifically to ameliorate the problems being faced by our country

Science, Technology and Innovative (STI) Policy of GOI refers to clusters/hubs as tools for innovation and knowledge creation

The idea of forming Knowledge Cluster/hub is also enshrined in the report entitled 'Corporate Participation in Higher Education' submitted to the GOI in April 2012

National Knowledge Network (NKN) of GOI facilitates networking for promotion of excellence in educational and research institutions

Chandigarh provides an ideal location for nucleating a knowledge cluster as large number of well established Higher Education & Research institutions are located within a radius of 10 Kms

Most of these institutions are renowned nationally and internationally for their contributions towards higher education and research with continuously increasing list(s) of eminent alumni



CHANDIGARH REGION INSTITUTIONS

-- Educational: PU, PEC, IISER, NIPER, ISB, NITTTR

-- R&D Lab: CSIR-CSIO, CSIR-IMTECH, DST-INST, DBT-NABI, CIAB, DRDO-TBRL, SASE,

DIHAR, ISRO-SCL

-- *Medical*: PGIMER, GMCH

-- Engineering: CCET, IIT-Ropar

-- Industry: Baddi (H.P.), CII (North) HQ at Chandigarh.

CHANDIGARH REGION IS RICH IN INTELLECTUAL RESOURCES:

Over 50 Fellows (INSA, NASI, IASc, NAE) along with several Bhatnagar Laureates, J. C. Bose Fellows, Inspire Faculty, UGC-FRPs, Ramanujan and Ramalingaswami Fellows and more than 500 active scientists

Chandigarh Science Congress (CHASCON), National/International Conferences/WKSP/Seminars are frequently organized by CRIKC Institutions

Chandigarh apart from being well planned is also well connected by Road and Air

CRIKC would endeavor to foster and sustain close academic alliances between these diverse institutions of higher education and research in the Chandigarh region, to facilitate innovation and knowledge creation and for achieving excellence in all academic spheres without compromising in any manner the autonomy of any of the participating institution



CRIKC ACTIVITIES: GOALS ACHIEVED AND FUTURE PLANS

Key CRIKC Activities (2013-2016)

- Creation of CRIKC website with a directory of active Scientists in the Chandigarh region.
- Free shuttle service connecting CRIKC institutions for Scholars and Faculty.
- Sharing of library resources and seamless access to the laboratory facilities.
 Infrastructure in many CRIKC institutions is ICT ready for knowledge sharing through digital media at Teaching and Learning, Research & Development levels.
- Each institute is acting like a virtual learning centers to the population of city.
- Framing of common syllabi and sharing of academic resources.
- Lecture notifications amongst different institutions and holding of colloquia and lectures by eminent personalities.
- Holding joint Seminars, Conferences, Technology/Science day, Annual Chandigarh
 Science Congress, jointly hosting national and international events.
- Several GOI programs: GIAN, RUSA, etc. being jointly implemented.
- CRIKC as a single window for outside agencies for promotion of academic/research activities.
- Initiation of Industry-Academia interaction.

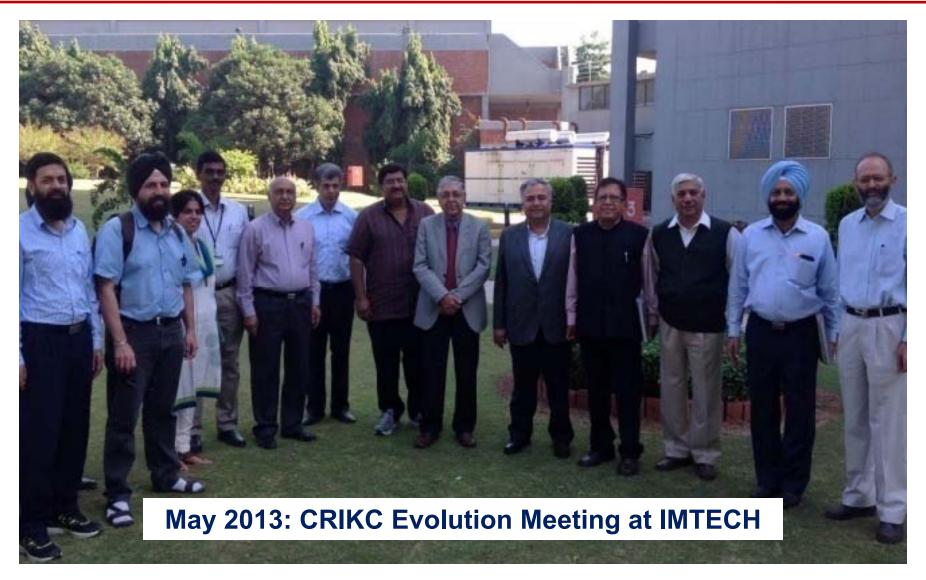


Target activities of CRIKC:

- Joint PhD programs including common Pre-PhD courses
- Strengthening of entrepreneurship and startup ecosystem through a Industry-Academia Interaction
- Creation of Research Based Sub-Clusters (Medical, Industrial, Nano-technology, Physical Sciences, Chemical Sciences, etc.)
- Setting up of Centre for Theoretical Studies and Policy Planning
- Initiation of multidisciplinary research programs for societal benefits (Smart city, Solid waste management, etc.)
- Create/provide facilities to attract faculty members from abroad to spend sabbatical leave period in CRIKC institutions.
- Creation of infrastructure for international students, inspire fellows and GIAN participants, etc. as an integrated facility to support all CRIKC institutions so as to internationalize the innovation, research and development at Chandigarh region.
- New and innovative schemes to attract talent, in particular, Inspire Faculty and Post Doctoral Fellows to choose CRIKC institutions as hosts to initiate new programs.



Since 2013



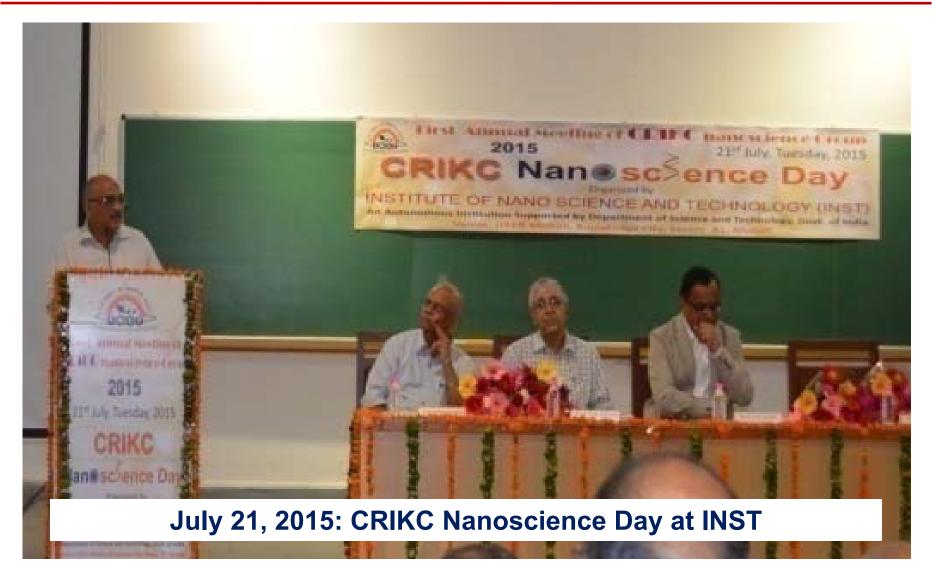


Since 2013



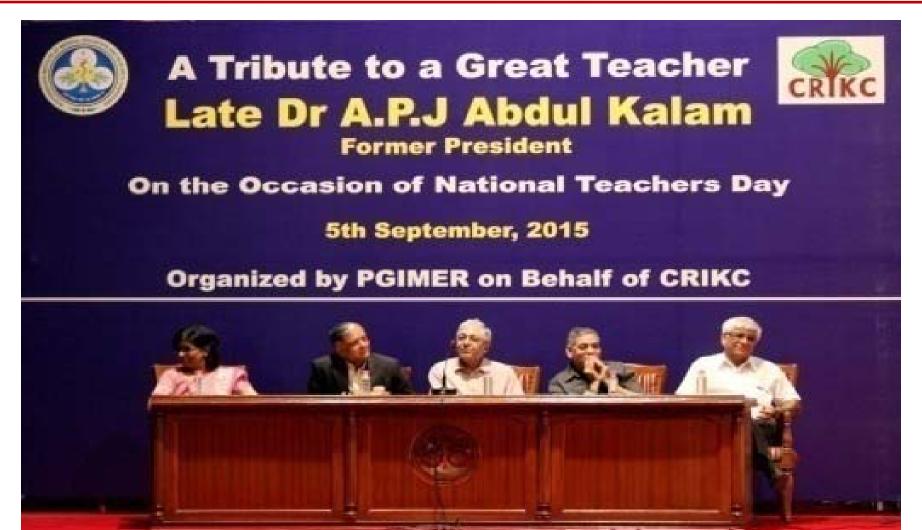


Since 2013



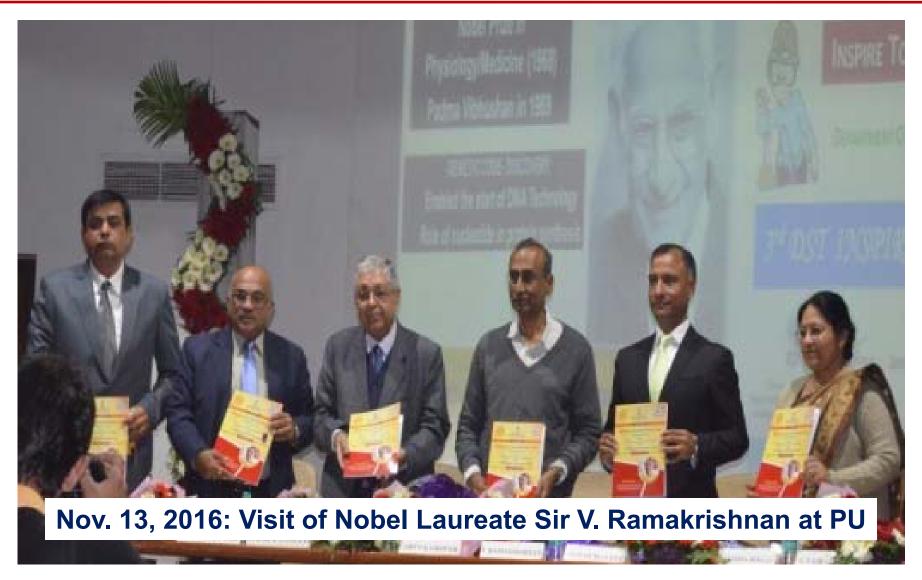


Since 2013





Since 2013





Since 2013





Since 2013

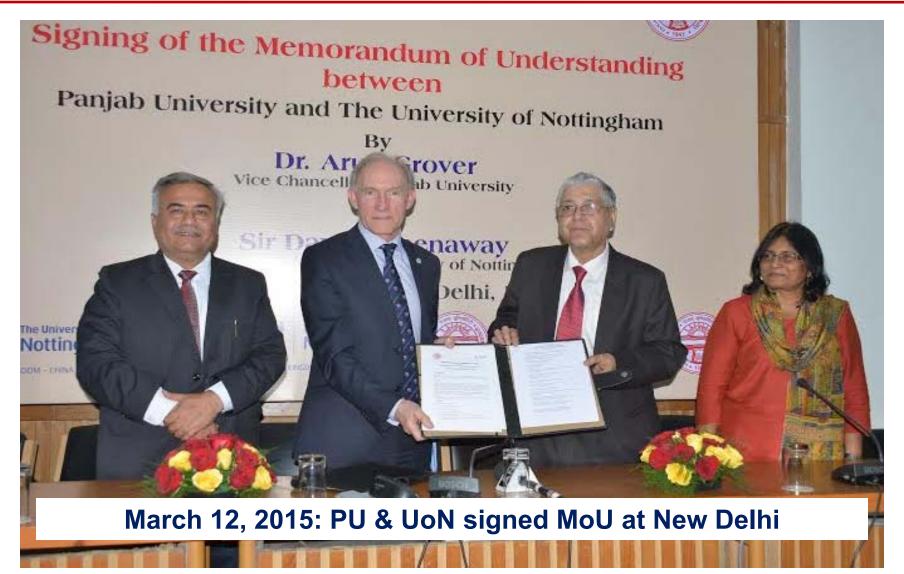
http://crikc.puchd.ac.in



August 30, 2014: Visit to Nottingham, UK



Since 2013





Since 2013





Since 2013

http://crikc.puchd.ac.in



April 09, 2016: Mr. Parimal Rai interaction with CRIKC at IMTECH



CRIKC General Body Meeting to Finalize Rules and Regulations of CRIKC Society

Since 2013









Since 2013

		iittp://ciikc.puciia.c
(Prof. Arun K. Grover) Vice Chancellor P.U., Chandigarh	(Prof. Y.K. Chawla) Director, PGIMER	(Dr. Girish Sahni) Director, IMTECH
(Prof. N. Sathyamurthy) Director, IISER	(Prof. K.K. Bhutani) Director, NIPER	(Dr. Rajesh Chakrabarti) Executive Director, ISB
Prof M.K. Surappa) Director, IIT Ropar	(Prof. Manoj Datta) Director, PEC Institute of Technology	(Prof. Atul Sachdev) Director Principal, GMCH
(Dr. Rakesh Tuli) Executive Director, NABI	(Prof. McCor Punia) Fraining and Research Sector 28, Chandigan 160 019	Prof. Manjit Singh) 11 5/13 Director, TBRL
(Prof. Ashok C Solid State and Nano m Lab		Girish Sahni) ctor, CSIO (ayouth Dr. R.S. Sangwan) (Dr. R.S. Sangwan)
	Ci	मुख्य अधिकासी अधिकासी hief Executive Officer व प्रसंस्करण यूनिट, नोहासी Processing Unit, Mohali



Since 2013





Since 2013



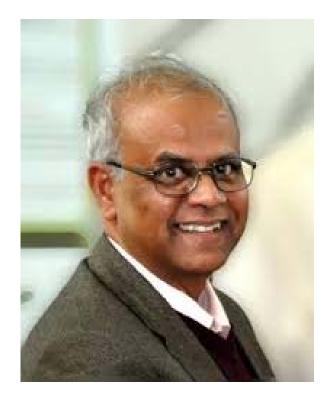
July 27, 2016: A Visit of Australian High Commissioner to know about CRIKC activities



CRIKC National Technology Day

http://crikc.puchd.ac.in

Institution Building: The Case of IISERs



Prof. N. Sathyamurthy, Founder Director Indian Institute of Science Education & Research (IISER), Mohali



USEFUL LINKS about CRIKC Activities

- http://crikc.puchd.ac.in/
- 2. http://cpr.puchd.ac.in/
- 3. http://www.inst.ac.in/CRIKC.php
- 4. http://pec.ac.in/~pecac/new/pec-signatory-to-innovation-knowledge-cluster-crikc-11th-may-2013/
- 5. http://www.tribuneindia.com/news/chandigarh/education/crikc-institutions-urged-to-focus-on-entrepreneurship/220346.html
- 6. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4117101/
- 7. http://www.dailypost.in/regions/chandigarh/49966-crikc-institutions-described-as-an-impressive-arrangement
- 8. http://europepmc.org/articles/PMC4627195/
- 9. http://www.dailypioneer.com/state-editions/chandigarh/ut-adviser-asks-crikc-institutions-to-focus-on-imparting-entrepreneurship-skills.html
- 10. http://punjabnewsexpress.com/punjab/news/crikc-is-an-impressive-arrangement-says-australian-dy-high-commissioner-44477.aspx
- 11. http://www.dfg.de/en/dfg profile/head office/dfg abroad/india/reports/2015/15100
 6 dwih chandigarh/index.html
- 12. http://www.birmingham.ac.uk/International/global-engagement/india/latest-news-and-events.aspx