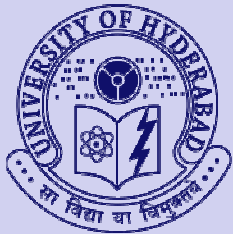


ASEM Rector's Conference

Between Tradition and Reforms: Universities in Asia and Europe at the Crossroads

Professor Dr. Seyed E. Hasnain
Vice-Chancellor



University of Hyderabad

www.uohyd.ernet.in



Between Tradition and Reforms: Universities in Asia and Europe at the Crossroads

SOME FACTS

- Asian universities, particularly in Singapore, Thailand, China and India, to name a few countries, are pursuing cutting edge goals in higher education
- On their respective domestic domain they follow comparable practices of higher education
- IITs, IIMs, ISB are Indian Higher Education brand equities
- Our graduates highly sought after for PhD programs in USA, UK, Australia, Germany, Netherlands, and Sweden
- The numbers currently skewed heavily in favour of USA

Between Tradition and Reforms: Universities in Asia and Europe at the Crossroads

SOME FACTS

- Huge Funding divide between Research Laboratories and Universities
- Massive expansion for greater inclusivity: 12 new IITs/IISERs, 30 new Federal Universities
- Indian Universities unable to retain students: Brain Drain or Brain Bank
- Foreign Nationals can not be appointed to Faculty positions: Where to find trained Faculty

Between Tradition and Reforms: Universities in Asia and Europe at the Crossroads

NEED FOR REFORMS: Global Perspective

- Medium of instruction one of the problems: EU universities have and are reformulating their programmes to recognise this limitation
- Fees compatibility and affordability
- Work opportunities for students
- Collaborative programs including conventional ongoing relationships require strategic positioning that contextualise thrust area research in areas of mutual interest
- Actively promote increased international flow of students into India (currently~ 8000 plus) to match the intensity of numbers that some of the universities in US, Canada, Australia can claim

Between Tradition and Reforms: Universities in Asia and Europe at the Crossroads

NEED FOR REFORMS: Indian Perspective

- Indian higher education system has an elite tier comprising the IITs, IISc and a small but growing club of IIMs
- Pure and applied work in a liberal interdisciplinary framework and context is on in select Universities
- A better synergising of relationship that ensures quality flow of faculty, students and research scholars including hosting of joint and multi institution symposia, seminars and workshops.
- While national support for hosting such programmes is possible, joint funding through the EU programs is a definite way that can strengthen internationalisation
- The country and the region is a growing economy and S&T and social sciences and humanities hub that can offer immense research and learning opportunities
- Changes in Legal framework to enable appointment of foreign citizens as Faculty



University of Hyderabad: Green Campus



With 2,300 Acres with 5,00,000 trees and over 120 bird species, this is the largest campus in ASIA

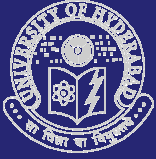
Four lakes, several valleys and unique rock formations (Mushroom Rocks are a State Heritage)



Early habitation evidenced by a megalith of iron-age, pre-Christian era (protected Archeological site)

WWF to document the Flora & Fauna: Bio-reserve





University of Hyderabad: USPs

- **Established by an Act of Parliament (Oct 2, 1974) as a Federal University**
- **A Unitary Institution, residential in character**
- **Designated by UGC as University with Potential for Excellence (First five)**
- **Postgraduate programs with strong emphasis on research**
- **NAAC Accredited with highest grade ever**
- **Ranked as top 2 University in India by Ministry of Science & Technology, GoI**
- **Holistic education and integration of knowledge in the Sciences, Humanities and the Social Sciences**
- **Wi-Fi networking – Highest bandwidth connectivity in India**
- **Student enrolment - all India in character**
- **100% Student funding**
- **Social inclusion**
- **International Outreach**
- **Extensive collaboration with other Institutions**
- **Student – Teacher ratio 1: 9**
- **First Indian University to issue RFID based Degree Certificates**
- **House Institutional Cluster: TIFR, ILS, AMDISA, etc**
- **University of Hyderabad Knowledge and Innovation Park**



The Faculty

- **Over 300 highly qualified and internationally renowned faculty**
- **Cater to the 93 different programmes including Integrated masters programmes being offered in various schools**
- **Associated in cutting-edge research in disciplines of Sciences, Social Sciences, Humanities, Technology, Visual Arts, Communication, Management and Continuing Education**
- **To develop newer and emerging areas**
- **On an average Faculty published 2.91 books, 3.47 Research Publications & 8.19 Other Publications per Faculty**



School of Chemistry: Top Citations

ISI Web of KnowledgeSM

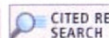
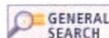
Web of Science



HOME

LOG OUT

Web of Science[®]



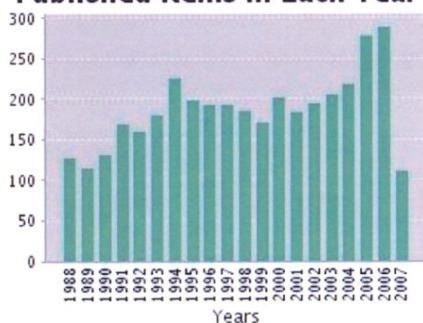
Citation Report

[<< Return to previous Summary page](#)

AD=(univ hyderabad)

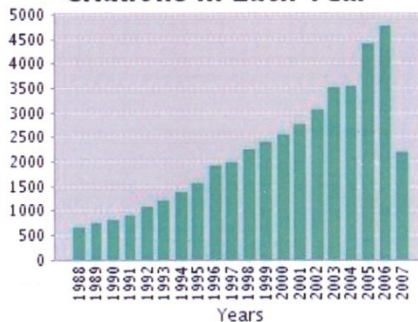
DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1975-2007

Published Items in Each Year



Only the first 20 years are displayed. [View a graph with all years.](#)

Citations in Each Year



Only the first 20 years are displayed. [View a graph with all years.](#)

Results found: 4,794

Sum of the Times Cited **i**: 47,128 [View](#)

[View without self-citations](#)

Average Citations per Item **i**: 9.83

h-index **i**: 72

Records 1 to 10

This report reflects citations to source items indexed within Web of Science. Perform a Cited Reference Search to include citations to items not indexed within Web of Science.

4,794 results found

Go to Page: 1 of 480

Records 1 -- 10

Times Cited SORT

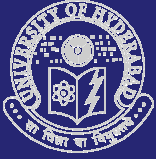
Use the checkboxes to remove individual items from Citation Report or restrict to items processed between 1975 and 2007

	2003	2004	2005	2006	2007	Total	Average Citations per Year
3520	3566	4435	4777	2193	47,128	1428.12	
171	146	163	181	51	1558	119.85	
55	43	42	38	14	885	52.06	

- 1. DESIRAJU GR
[SUPRAMOLECULAR SYNTHONS IN CRYSTAL ENGINEERING - A NEW ORGANIC-SYNTHESIS](#)
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION IN ENGLISH 34 (21): 2311-2327 NOV 17 1995
- 2. DESIRAJU GR
[THE C-H...O HYDROGEN-BOND IN CRYSTALS - WHAT IS IT](#)

Internet

100%



Study in India Programme

Study in India Program is aimed at overseas students

Launched in 1998 in collaboration with the University of Pittsburgh, USA

Modular structure of the program: extremely flexible

During the 2006-07 about 170 students participated in the SIP

Credit Transfer



SIP Partners include

- ❖ University of California Education Abroad Program (UCEAP)
- ❖ University of Pittsburgh
- ❖ University of Illinois at Urbana Champaign
- ❖ South Dakota State University (SDSU)
- ❖ University of North Carolina at Greensboro
- ❖ Council for International Educational Exchange (CIEE, with about 200 member institutions)
- ❖ Nordic Centre in India (NCI) a conglomerate of almost 15 Scandinavian universities
- ❖ Pace University and University of San Francisco, etc
- ❖ Students from France, Germany, Canada, New Zealand and Japan



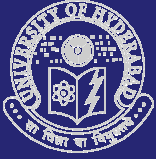
MoUs With Leading Institutions

Some examples:

UC San Diego, USA; Stanford University, USA; Waseda University, Japan; Keio University, Japan; National University of Singapore; University of Trento, Italy; Belfast University, Ireland; Frei University, Germany; University of Heidelberg, Germany; University of Barcelona, Spain; Utrecht University, Netherlands, etc.

Functional MoUs

- **Independent Budget head for MoU servicing**
- **Two way traffic of Faculty and students**
- **Credit Transfers**
- **Joint Degrees**
- **Joint Research Projects, Publications and IPRs**



International Awards & Honours

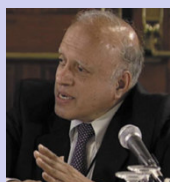
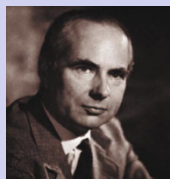


- **Ramon Magsaysay Award**
- **Max Born Award in Quantum Physics**
- **Fellow of Institute of Physics, London**
- **Alexander von Humboldt Research Award**
- **Fellowship of the Third World Academy of Sciences**
- **Fellowship of Royal Society, London**
- **Membership of the US National Academy of Sciences**

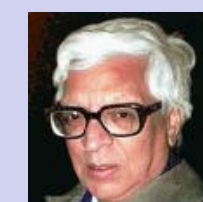
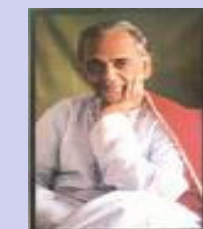
- **Fellowship of German Academy of Sciences Leopoldina**
- **Fulbright Fellowships**
- **Commonwealth Fellowships**
- **Fellowship of Royal Society of Literature, London**
- **Fellow of Bunsen Society, Germany**
- **Editorship of reputed international journals**
- **Honorary Doctorates from reputed universities**
- **Third World Academy Award, Trieste**



Honorary Doctorates



Personality name	Field
Dr. G. Parthasarathy	<i>Diplomat</i>
Dr. M.S. Swaminathan	<i>Agriculture Scientist</i>
Prof. M.B. Emeneau	<i>Scholar of Linguistics</i>
Dr. Harindranath Chattopadhyaya	<i>Freedom fighter, poet, playwright, painter, singer and actor</i>
Prof. G.N. Ramachandran	<i>One of the most eminent biophysicists of India</i>
Justice M. Hidayatullah	<i>Distinguished jurist</i>
Sir Andrew Fielding Huxley	<i>Nobel Laureate in physiology and medicine</i>
Dr. C.N.R. Rao	<i>For his invaluable service to the cause of Science, Science Research and Science Education in India and in the third world</i>
Dr. C.R. Rao	<i>Renowned Statistician in the world</i>
Dr. A.P.J. Abdul Kalam	<i>Former President of India & renowned Scientist</i>
Prof. S. Gopal	<i>Well known Historian</i>
Sri M. Balamurali Krishna	<i>Musician (Vocal)</i>
Prof. Gopi Chand Narang	<i>Litterateurs</i>
Prof. Namwar Singh	<i>Litterateurs</i>
Prof. Nataraja Ramakrishna	<i>Dance guru</i>

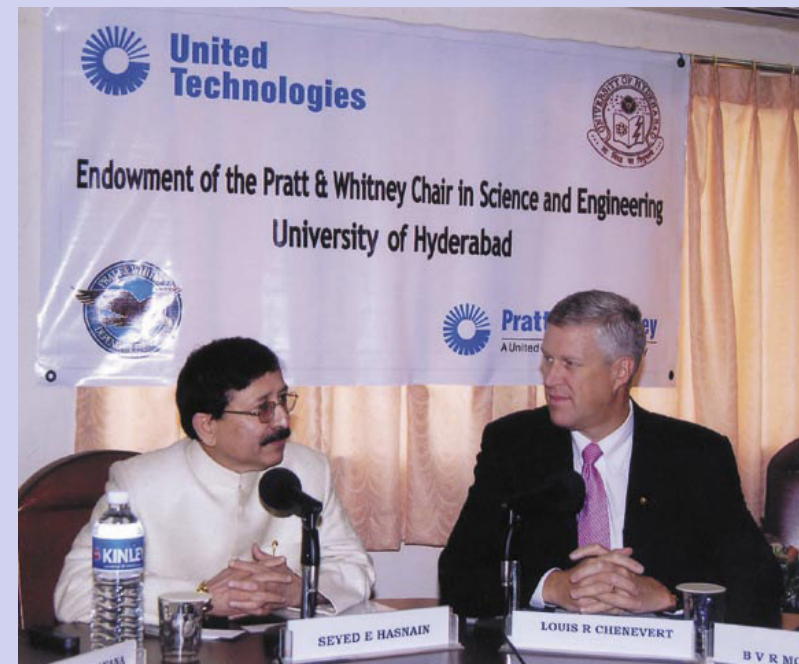




Distinguished Chairs

The University is endowed with distinguished Chairs and eminent scholars are invited to occupy these Chairs.

- **The Jawaharlal Nehru Chair is endowed for scholars in Sciences**
- **Radhakrishnan Chair is endowed for scholars in non-Science disciplines.**
- **An internationally renowned company named Pratt & Whitney has endowed the University with a Chair for Engineering Sciences.**



Jawaharlal Nehru Chair

- Professor B.L.S. Prakasa Rao
- Professor A. Chakravarthy
- Professor E.C.G. Sudarshan
- Professor Jagdish Mohanty
- Professor F. Mancini
- Professor S. Ranganathan
- Professor S.K. Joshi
- Professor S. Sitharama Aiyengar
- Professor Michel Chanon
- Professor Sir Sam Edwards
- Professor Benjamin Ehrenberg
- Professor R. Srinivasan
- Professor Ramon Carbo
- Professor N. Mukunda
- Professor Karl Jug
- Professor R. Gilman
- Professor Jeffrey L. Bennetzen
- Professor K.A. Padmanabhan

Radhakrishnan Chair

- Professor U.R. Anantha Murthy
- Dr. M. Balamurali Krishna
- Professor T.N. Madan
- Professor Subrata K. Mitra
- Justice M. Yacoob
- Professor Ram Gopal Bajaj
- Professor Gita Dharmpal-Frick

Pratt & Whitney Chair

- Prof. Roddam Narasimha, FRS

Chandrasekhar Chair

- Prof. A.K. Bhatnagar

ICOS – 10 Chair

- Prof. Ganesh Pandey

Homi J. Baba Chair

- Prof. Balachandran



Important Conferences held

International Conference on Fiber Optics, Optoelectronics and Photonics – Photonics 2006

**International Seminar - Defining the future of HIV/AIDS Next 25 years
Conference on Biotechnology**

Conference on Biotechnology

**International Conference on Molecular and Cellular Biology and
Therapeutics of HIV & Associated Viral Infections**

National Seminar on Indo-US Nuclear Agreement

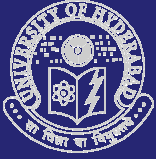
**International Workshop on Food and Feed – Nutrition, Safety and
improved use of raw material**

International Symposium on Light and Life

**International Seminar on Challenges of Globalization: Indo-Australian
Perspectives**

18th International Conference on Ion Beam Analysis

Pacific Rim Applications & Grid Middleware Assembly (PRAGMA-9)



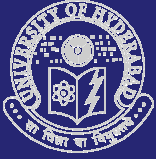
Important Conferences coming up

International Conference on “E-Governance”

Instructional Workshop in Bioinformatics

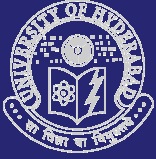
International Conference on Bioinformatics

**International Congress of Mathematicians – ICM-2010
(award of **Fields Medal**)**



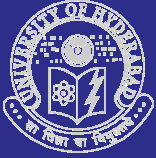
Distinguished Visitors

- **Sir Salman Rushdie, renowned novelist**
- **Mr. Gunther Grass, Nobel Laureate**
- **Mr. Anges Wilson, well-known novelist**
- **Ms. Anita Desai, well-known novelist**
- **Prof. K.R. Sreenivasan, Director Abdus Salam International Centre for Theoretical Physics, Trieste**
- **Prof. Nina V. Fedoroff, Penn State University, USA**
- **Prof. Nicholas Ostlar, UK**
- **Prof. R. Hoffmann, Nobel Laureate**
- **Shri Nissim Ezekiel, well-known poet**
- **Prof J Palis, President TWAS**
- **Prof Martin Evans, Nobel Laureate**
- **Prof. Edwin Thumbu, Professor Emeritus, National University Singapore**
- **Mr. Abul Ahsan, Secretary General, South Asian Association for Regional Co-operation**
- **Prof. Sir Phillip Cohen, FRS, FRSE, University of Dundee, UK**
- **Prof. Norman Ramsey, Nobel Laureate**
- **Dr. Daniel Negers, Centre for Indian & South Asian Studies, Paris**
- **Sir John Ball, Sedleian Professor of Natural Philosophy, Oxford University, London**
- **Prof. W. Kohn, Nobel Laureate**



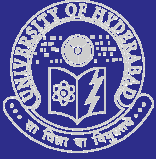
Distinguished Visitors

- Prof. Goldman, Director of the University of California Education Abroad Programme
- Prof. Hans Lofgren Deakin University, Australia
- Prof. E.L. Winnaker, President of German Research Foundation
- Prof. G.P. Deshpande, noted Indian Playwright
- Prof. Michael Burawoy, UC Berkeley, USA
- Prof. Velcheru Narayana Rao, University of Wisconsin, USA
- Prof. C.R. Rao, FRS, Penn State University
- Dr. Reinhard Grunwald, Secretary General of the German Research Foundation
- Prof. H.C. Brown, Nobel Laureate
- Sri Rajender Singh, Chairman, Tarun Bharat Sangh, Rajasthan & Ramon Magsaysay Awardee
- Shri Girish Karnad, theatre personality and *Gnanpeeth* Awardee
- Prof. J.M. Lehn, Nobel Laureate
- Dr Julie L. Gerberdin, CDC, Atlanta, USA
- Louis R. Chenevert, President & CEO, United Technologies Corporation, USA
- Dr. Anil Kakodkar, Chairman, Atomic Energy Commission and Secretary, Department of Atomic Energy
- Margaret Drabble, well-known poet
- Ambassadors of several countries



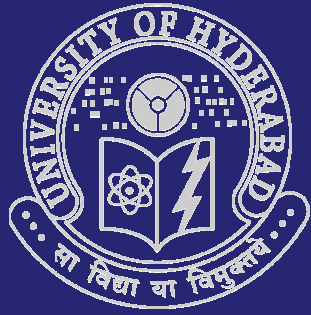
UoH in the 21st Century

The University of Hyderabad, already a leading National Centre of Excellence in Higher Education, is poised to emerge amongst the top universities of the world, thereby creating a new bench mark for Indian Universities



Our Goal

- **Create citizens who will be leaders in all walks of life**
- **Undertake elements of risk**
- **Capacity building for all constituents of Higher Education**
- **Innovative and creative Knowledge Society**



Thank you

