

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Guru Nanak Dev University Amritsar

Introduction

To monitor the standards of the Higher Education Institutions (HEIs), University Grants Commission (UGC) had established The National assessment and Accreditation Council (NAAC) as an autonomous body under section 12(ccc) of its Act I September 1994. NAAC is entrusted with the task of performance evaluation, assessment and accreditation of universities and colleges in the country. At the instance of NAAC, Guru Nanak Dev University has established the Internal Quality assurance Cell (IQAC) as a post accreditation quality sustenance activity.

Objectives

1. To develop a system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the University.
2. To promote measures for the functioning of the University towards quality enhancement through initialization of quality culture and institutionalization of best practices.

Functions

1. Development and application of quality benchmarks/ parameters for the various academic and administrative activities of the University.
2. Arrangement for feedback responses from students, parents and other stakeholders on quality-related processes of the university.
3. Dissemination of information on the various quality parameters of higher education.
4. Documentation of the various programmes/activities leading to quality improvement.
5. Organisation of workshops, seminars on quality related themes and promotion of quality circles.
6. Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.

Composition of Internal Quality Assurance Cell (IQAC), Guru Nanak Dev University, Amritsar



Professor Dr. Ajaib Singh Brar, Vice-Chancellor and Chairman IQAC
Brief profile:





Dr. Ajaib Singh Brar, a Professor of Chemistry and joint Professor, Centre for Polymer Science and Engineering, at Indian Institute of Technology, Delhi has a vast experience of more than 35 years of working in the field of education and research at prestigious National and International Institutes in various capacities. Prof. Brar is internationally recognized in the field of catalysis, Mossbauer spectroscopy, photochemistry and NMR spectroscopy of polymers. He has published more than 210 papers in refereed International and National journals and 50 papers in the proceedings of conferences/symposia. Prof. Brar has delivered 115 lectures in conferences/symposia at various institutes /universities. He has delivered invited lectures at American Chemical Society conferences and at leading universities in USA, Europe and Japan. He delivered lectures in Japan on the invitation of JSPS and in The Netherlands on the invitation of The Royal Academy of The Netherlands for Arts and Science. Prof. Brar is having research collaboration with RWTH, Technical University, Aachen, Germany (ranked as the best Technical University in Germany). He was a visiting faculty at RWTH, Aachen during June-July in 2005 and 2006. Prof. Brar has guided 25 Ph.D. students and 20 M. Tech. students. He has sponsored projects of Rs. 1.50 crores and established High Resolution NMR Center at IIT Delhi.



Prof. Brar was Chairman GATE (Graduate Aptitude Test for Engineering) 2002, 2004 and JMET 2002, 2004. He was chairman for conducting DRDO-SET 2004 (Defense Research and Development Organization - Scientist Entrance Test), through which, about 600 scientists were recruited for various DRDO laboratories. He was Head of the Department of Chemistry, IIT Delhi. Prof. Brar was awarded Outstanding Research Award, IIT Delhi in 1994. He is Fellow of the "National Academy of Sciences" and "Punjab Academy of Sciences. Prior to this appointment, Professor Brar has been Vice-Chancellor of University of Lucknow. As Chairman, CPMT-2008 (Uttar Pradesh), he successfully organized this prestigious examination of the State in an exemplary manner. Professor Brar was awarded prestigious "U.P. Ratan award" by all India Conference of Intellectuals in 2008 and was recently awarded "Saraswati Samman" in 2009 in recognition of his services to the field of Education. As Vice-Chancellor he has brought various reforms in the University administration through his transparent and effective governance. His main focus has been on high quality in teaching and research and to promote efficiency and transparency in administrative work. Prof. Brar is member of the Society, Indian Institute of Management, Lucknow, the body which governs the I.I.M., Lucknow. He is member of Governing Council of CBMR, SGPGI, Lucknow. He is the reviewer to almost all reputed International Journals in his research field. Prof. Brar is a member of various National Committees in the field of education and research and is also the member of Selection Committees of several Universities and Institutes of higher education in the country. Dr. Brar is Chairman/Convener/Member of a number of important national bodies/committees. Related to education.




Dr. Raghbir Singh, Member IQAC, Professor, Department of Business & Commerce

Currently Professor in Department of Commerce and Business Management, and Chairman, Publication Bureau and member planning board of GNDU, Professor Singh has 35 years of teaching and research experience and has guided over 17 Ph.D. and a number of PG students for their degrees. Guru Nanak Dev University, Amritsar. Around 68 research papers/articles have been published in various journals of National and International repute, besides, a number of conferences/ seminars have been attended and many technical sessions have been chaired. He has been expert member of several selection committees on advisory board of various Journals and also a reviewer for the same. Earlier, he has been Dean Academic affairs (3 years) and officiated in various

	<p>capacities in the university as Registrar, member of Syndicate and Senate, Chairman, Research Degree Committee and well as Board, Dean Faculty, and Head of the department.</p>
	<p>Dr. T. S. Lobana, Member IQAC, Professor, Department of Chemistry</p>
	<p>Dr. Surinder Singh Parmar, Member IQAC, Professor, Department of Physics</p> <p>Dr. Surinder Singh is Professor Department of Physics, and Dean Academic Affairs of GND University. During his professional career spanning almost three decades he has published more than 225 research publications and several conference proceedings. He has guided 25 Ph.D. degrees in varied areas of research spanning from fundamental physics to environment. He is associate editor of several research journals such as: Geochemical Journal (Japan), Asian Journal of Physics, Journal of Geology and Mining Research, International Journal of Theoretical and Applied Sciences (IJTAS) and Journal of Earth and Space Physics. He is reviewer for several physics journals. He has held several key academic positions in university academics and is an Executive Member of the International Nuclear Track Society (INTS), Association of Exploration Geophysicists (AEG), Indian Association of Physics Teachers (IAPT), Indian Chapter of International Centre for Theoretical Physics (ICTP), Italy, Indian Society for Radiation Physics (ISRP), Indian Association for Radiation Protection (IARP), Member International committee on Rare Gas Geochemistry, Member APEC Cooperation for Earthquake Simulation.</p>
	<p>Dr. R. K. Bedi, Member IQAC, Professor, Department of Physics</p> <p>With teaching and research experience of over 35 years, Prof. Bedi has interest in materials for photovoltaic, LEDs, IR and gas sensing applications. He has over 100 research publications in journals of repute and has delivered a number of lectures in conferences/workshops etc. He has supervised 10 students for their doctorate degree and around 75 students for M.Phil/M/Sc. degrees. Professor Bedi has received sizeable grants from such agencies as CSIR, UGC, DAE etc. and is incidentally member of various committees of these agencies. He is currently Professor incharge, Examinations of GNDU and has contributed immensely for reforming the examinations system of the university. Earlier, he has been Dean students' welfare, Head of the department as well as Dean, Faculty of Sciences. He has also been nominated as Fellow of Institution of Electronics and Telecommunication Engineers.</p>
	<p>Dr. A. K. Thukral, Member IQAC, Professor, Botanical & Environmental Sciences is also Director of Research of the university</p>
	<p>Dr. Paramjit Singh Judge, Member IQAC, Professor, Department of Sociology</p> <p>Brief Profile:</p> <p>Dr. Paramjit Singh Judge is Professor and Head, Department of Sociology, and Coordinator of the Centre for the Study of Social Exclusion. He was Dean, Faculty of Arts and Social Sciences from 2006 to 2008. During his professional career spanning almost three decades he has published fifteen books and sixty research papers in the areas of political sociology of social movements and excluded communities, Punjabi diaspora and social theory. He was awarded Commonwealth Fellowship in 1987, Shastri Indo-Canadian Faculty Research Fellowship in 1991, and Shastri Indo-Canadian Faculty Improvement Fellowship in 1998. He was visiting Fellow at University of Jammu,</p>

	<p>Jammu in 2005 and Jawaharlal Nehru University, New Delhi in 2010. He has been nominated in various committees in many universities and the Indian Council of Social Sciences Research, North West Regional Centre, Chandigarh. He is a well known Punjabi novelist. He was awarded Laxmi Devi (Raj Gomal) Award by Kala Sirjak Society in 2006 for his contribution to the Punjabi literature.</p>
	<p>Dr. N. S. Tung, Member IQAC, Professor, Department of Psychology</p>
	<p>Dr. H. M. Chawla, Member IQAC (Outside institution), Professor, Department of Chemistry, IIT Delhi.</p> <p>Professor Chawla has been consistently contributing to diverse areas of organic chemistry. He is clearly distinguished by his recent work in the design, synthesis and applications of novel calix[n]arene and tetrathiacalixarene based molecular receptors for ionic and molecular recognition and development of their colorimetric and spectrometric assays. His work has established the existence of true polymorphs and conformational morphosis in azocalix[4]arenes. At least eighteen patents and innovative technology developments accomplished by his group has resulted in a useful non-refrigerative shelf life extension technology for fruits and vegetables.</p> <p>Professor Chawla has earned several awards for technology development and latest in the series includes the Lockheed Martin Gold medal for outstanding innovation for the year 2008. His other awards and honors include:</p> <ul style="list-style-type: none"> • Professor T. R. Seshadri, FRS Memorial Lecture Award, University of Delhi (2008). • Visiting Research Fellow of UNSW, Sydney, Australia, 2008. • Most downloaded research paper published by Tetrahedron during the year 2006. • SPARCS award, 2004 from Society for promotion of application research in Chemical and Biochemical Systems, New Delhi • International Society for Cosmetic Dermatology (Milan, Italy) Lectureship at Cosmoprof Asia, Hongkong, 1999 • Professor MN Desai Award, 1998 from Indian Association of Chemical Scientists. • Burhani Foundation- NEERI (CSIR) National award 1998, by National Environmental Engineering Research Institute, Nagpur • SERC scientific exchange award by Natural Science and Engineering Research Council, Canada for visit to University of Victoria, British Columbia, Canada (1991) • Fulbright Travel Award by United States Educational foundation in India (1981) • National Book Trust Subsidy Award for writing a book on Principles of Reaction Mechanism in Organic Chemistry (1978) from National Book Trust of India
	<p>Dr. Hardas Singh, Member IQAC (Outside institution)</p> <p>Renowned orthopaedic surgeon. Ex- Professor and Head, Department of orthopaedics, Government Medical College, Amritsar</p>
	<p>S. Gunbir Singh, Member IQAC (Outside institution)</p> <ol style="list-style-type: none"> 1. CMD, Bambino Holdings (P) Ltd, a well diversified Company with subsidiary units: <ul style="list-style-type: none"> • Divine Destination-a seamless travel solution • Absolute Realty- a real estate investment enabler • Yellow Leaf-an environmental sustainability facilitator 2. Managing Trustee, Dilbir Foundation. 3. Chairperson, Punjab State, Worldwide Fund For Nature (WWF-India) '08 4. Founder Chairman, Confederation of Indian Industry (CII)- Amritsar Zonal Council. 5. Chairman, CII-Punjab State (2009-10) 6. Vice President, Amritsar Small Scale Woollen Manufacturers Association. 7. Member Consultative Review Group, National Planning Commission for Empowerment of Minorities (Current 5-year plan)

	<p>8. Financial Secretary, Khalsa College Society, Amritsar. 9. Executive Member, Bhai Vir Singh Sahitya Sadan, New Delhi. 10. Member Sri Guru Singh Sabha. 11. Hony. Sec. SSSS group of institutions (2002-2008).</p>
	<p>Dr. Kamaljit Singh, Director IQAC, Professor, Department of Applied Chemical Sciences and Technology</p> <p>Dr. Kamaljit Singh is a Professor in Department of Applied Chemical sciences and Technology and Founder Director of IQAC at Guru Nanak Dev University. He was Professor and Head of the Department from 2006-2009. During his professional career spanning almost two decades, he has published over 75 research papers in high impact International Journals and an equal number of abstracts in proceedings of various national and international conferences/symposia. He has delivered over 25 invited lectures in various national and international institutions/conferences and has chaired a number of conference sessions. He has guided eleven Ph.Ds so far and has generated sizeable research funding from DST, CSIR, UGC, AICTE, MoEF etc. Earlier, he was awarded post-doctorate fellowship by Ministry of Education and Science, Spain to work for two years at National Institute of Organic Chemistry, CSIC, Spain during 1993-94. He was visiting scientist under bilateral exchange programme of Indian National Science Academy (INSA) and The Royal Society of Chemistry, UK at University of Manchester Institute of Science and Technology (UMIST), UK. He was awarded Higher Education Link of The British Council-UGC and visited various universities at UK during 2000-2003. He is an elected member of National Academy of Science, India and a reviewer of a number of International Chemistry Journals and is on the Editorial board of ARKAT (USA). He was awarded Bronze medal by Chemical Research Society of India (CRSI) in 2009 in recognition of his contribution to research in Chemical Sciences.</p>