



**Golden Jubilee Conference
of
Indian Association for Productivity, Quality and Reliability (IAPQR, Kolkata)
Productivity, Quality and Reliability: New Vistas
Dates: January 7-8, 2023
In Collaboration with Sister Nivedita University
Newtown, Kolkata**

ABOUT THE CONFERENCE

The Covid 19 pandemic has greatly affected the global work spheres. One of the fallouts of the pandemic has been in the productivity in global business. Notwithstanding the importance of quality and reliability, the labour intensive modes of production have suffered most during the pandemic. This has raised scenarios of long term unemployment with possibilities of skill erosion, static salaries leading to low savings, widespread telework culture downscaling work spheres and forcing staggered & remote working culture etc. These scenarios may have uncertain effects on productivity and other indicators as time progress. In its wake, therefore new vistas need to be explored for efficient and welfare improving working methods. For several decades, the IAPQR has been promoting the cause of enhancing productivity in various sectors through meaningful applications of methods, techniques and tools to improve quality of goods and services. On its Golden Jubilee Year (2022-23) , the Association has aptly taken up the theme---Productivity, Quality and Reliability : New Vistas with four broad sub themes: First on Reliability and Survival Analysis; Second on Improving Quality in Services; Third on Productivity Improvement and Fourth on Data Analysis in Emerging Domains. The aim of the Conference is to unify Productivity, Quality and Reliability in an emerging global context employing new concepts, tools and techniques for improving products, services and finally the working environments in various sectors.

A holistic amalgam of Theory and Practice pertaining to the three important segments as stated above defines the wide ambit of the Conference. Innovative application of theory in practice or interesting case studies backed by adequate analysis are welcome. The three-day Conference will feature a Key-note Address during the Inaugural Session and several Plenary/Invited Lectures meant for the entire audience. This apart, there will be special lectures (running in parallel) in different/cluster of sessions. No doubt, papers contributed by research workers, professionals and students will feature in Conference programme. The spectrum of topics is an indicative list of (but not limited to) issues around which sessions will be organized.

ABOUT IAPQR

Established in 1973, Indian Association for Productivity, Quality and Reliability (IAPQR) has been engaged in the pursuit, propagation and promotion of concepts, methods and practices to enhance productivity in manufacturing and service organizations through Quality and Reliability.

Prof. S.P. Mukherjee
Mentor

Sri R. Himatsingka
President

Prof. H.S. Ray and
Prof. Bikas C. Sanyal
Vice-Presidents

Prof. Asis K. Chattopadhyay
General Secretary

Through its dedicated services to the Nation for five decades, the Association has grown over the years as a force to reckon within the fields of Productivity, Quality and Reliability in the country. During these years IAPQR successfully organized short term programmes in Total Productive Maintenance, 6- σ Black Belt Examination of ASQ, TRIZ- Inventive Problem Solving, Orientation Programme for Newly Recruited Scientists (at various CSIR Labs), Knowledge Management, Quality Management, Quality Function Deployment, 8D Methodology, Research Methodology etc.

The Association has been publishing regularly a peer reviewed journal IAPQR Transactions for several years besides publishing a newsletter Communique.

In recognition of the contributions of IAPQR in furthering the cause of Quality and Reliability in the country, it has been made a member of various Technical Committees and sub-committees, including Rajiv Gandhi National Quality Award Committee of Bureau of Indian Standards, New Delhi. For details visit website: www.iapqr.org.

ABOUT SISTER NIVEDITA UNIVERSITY



Sister Nivedita University (SNU) at New Town, Kolkata has been established through enactment of The Sister Nivedita University Act, 2017 (West Bengal XLIX of 2017). SNU, being unique of its own kind is built on the path of Sister Nivedita, blessed under the shadow of Swami Vivekananda. The university offers educational programs and research in a wide array of subjects, under disciplines like Engineering and Technology, Science, Medicine, Management, Law, Humanities, Language and Literature, Pharmacy, Architecture, Social Sciences, Performing Arts, Sports, Media, Design, etc. Moreover, some unique courses will be introduced with the emphasis on skill development, entrepreneurship and women empowerment.

Sub -themes to be covered (Not restricted to)

The conference has been woven around a few selected topics of contemporary interests in scientific and industrial research. The key issues are

Reliability and Survival Analysis : Recent Advances

Accelerated Life Testing, Analysis of Masked Data, Event History Analysis, New life Distributions, Warranty Analysis etc.

Improving Quality in Services

Role of Artificial Intelligence in Product Quality Enhancements, Process Capability, Six Sigma, Lean Management, Quality in Education and Healthcare, Achieving Excellence through Quality Assurance etc,

Risk, Resilience and Sustainability Tools, Quality's Impact on Leadership, Organizational Excellence & Inclusion, Reimagining Quality Management for Next Decades, Tech in Quality: Digitization and Redefining Quality Management Function, Best Practices for up skilling of workforce, Quality Control: Investigation Strategy & Key to success, Quality culture & Organizational values, Market Feedbacks for customer focussed needs etc.

Productivity Improvement in Services

Healthcare Services, Higher Education, Agricultural Sector, Project-based Organizations, Participative Design of Product and Production Innovations, Open Innovation , Productivity and Quality in Working Life and Sustainable Organizations, Supply Chain Performance Management etc.



Data Analysis in Emerging Domains

Data Science, Statistical Inference, Simulation and Resampling, Data Integration, ANN and CART, Clustering and Data Visualisation, Modelling financial data, Modelling Climate and Disease data etc. Machine Learning, Information Technology, Scientific Computing, Natural Language Processing, Cloud Computing, Robotics in Data Science, Deep Learning, Neural Network, Data Science and Coding, Data warehousing and Cyber security, Information Science, Data Mining and Statistical Analysis, Neuro-computing etc. Directional data analysis, Analysis of Astro Statistical Data.

CALL FOR PAPERS/CASE STUDIES

Intending participants are requested to mail the abstracts of their papers (in about 300 words) to : Dr. Goutam Banerjee, Convener, ICPQR, 2023 [E-mail : iapqrgold2022@gmail.com] in doc format

Last Date of Submission of Abstracts : December 9, 2022

Confirmation of Acceptance for Presentation : December 16, 2022

REGISTRATION

Participant	Registration fee	Last date of registration
Corporate/Industry Delegates	INR 4000	January 2nd 2023
Academicians & IAPQR Members	INR 3000	
Research Scholar & Students	INR 2000	
Foreigner	USD 200	

Registration fees must be paid by NEFT in favour of :
INDIAN ASSOCIATION FOR PRODUCTIVITY, QUALITY & RELIABILITY
using following details

Account Name : Indian Association for Productivity, Quality & Reliability

Axis Bank, Salt Lake Branch (B D Market)

Account Number : 025010100158558

IFSC Code : UTIB0000025, SWIFT Code : AXISINBB025, MICR No. 700211006

* Participants are strongly encouraged to attend the conference physically. However, they can attend in online mode if physical attendance is not possible. In that case they are required to inform the convener beforehand.

*At least one author of an accepted paper must register for the conference.

Registration fee includes cost of lunch, tea/ coffee on both days of the event and conference materials and kit.



SESSION SPONSORSHIP

Session Sponsorship Opportunity - Fee: Rs 25000/- for one Technical session

The Sponsorship for any Technical session in the Conference will enable the sponsor to depute two free delegates and avail one free full page advertisement in the Souvenir.

A Souvenir containing conference details and abstracts of paper to be presented will be released during the Inaugural Session of the Conference and will be provided to each registered delegate.

Conference Patrons: Mr. Satyam Roy Chowdhury, Honourable Chancellor, SNU,

Mr. Rakesh Himmatsinka, President, IAPQR

Advisors: Prof. S. P. Mukherjee, Mentor, IAPQR

Prof. Dhruvajyoti Chattopadhyay, Vice Chancellor, Sister Nivedita University

Prof. Ashis K. Chattopadhyay, Vice Chancellor, University of Calcutta

Conference Secretariat

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Dr. Amit Kundu, Joint Convener (M: +919830390661)

Email: iapqrgold2022@gmail.com

Local Organising Committee:

Chairman: Prof. Amit Kundu

Vice Chairman: Dr. Lakshmikanta Datta

Secretary: Prof. Anindita Ghosal

Members: Dr. Goutam Banerjee, Prof. Sharmistha Banerjee,
Dr. Krishnendu Das, Prof. Pradip Dutta Gupta, Mr. Aniruddha Chaudhuri,
Mr. Biswajit Basak, Mr. Argha Nath Bhattacharyya, Dr Gargi Lahiri,
Dr. Moumita Chatterjee.



Programme Committee:

Sr No	Name	Affiliation	Position
1	Prof Srijob Bhusan Bagchi	Formerly University of Burdwan, Bardhaman	Chairman
2	Prof Bikas K Sinha	Formerly ISI, Kolkata	Member
3	Prof Ashis SenGupta	IIT, Kharagpur	Member
4	Dr Krishnendu Das	Formerly NBSS&LUP, RC, Kolkata	Member
5	Dr Sudarshan Dutta	Kosher Climate India P Limited, Bengaluru	Member
6	Prof Surojit Mookherjee	IIT, Kharagpur	Member
7	Prof Sudhansu Sekhar Maiti	Viswa Bharati University, Santiniketan	Member
8	Prof Somesh Kumar	IIT, Kharagpur	Member
9	Dr Zafar Anis	ISI, Kolkata	Member
10	Prof P K Sahoo	Bidhan Chandra Krishi Vishwavidyalaya, Kalyani	Member
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13	Dr Sumati Roy	IISWBM, Kolkata	Member
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17	Dr Anindita Ghoshal	Sister Nivedita University, Kolkata	Member
18.	Prof. Pradip Dutta Gupta	Sister Nivedita University, Kolkata	Member



GOLDEN JUBILEE CONFERENCE of IAPQR, Kolkata

REGISTRATION FORM

International Conference on Productivity, Quality and Reliability (ICPQR, 2023)
January 7- 8, 2023

1. Name (In Block Letters) :
2. Affiliation :
3. Designation :
4. Department :
5. Address :
6. Male/Female :
7. Telephone No. : (O) _____ Mobile: _____
8. E-mail :
9. Fax :
10. Food Habit : Veg./Non-Veg.
11. Whether presenting a paper : Yes/No
If yes, Title of the paper :
12. Registration Fee of Rs. _____ being paid through /NEFT
with Transaction ID : _____

Date : _____

Signature : _____

The filled-in registration form must reach IAPQR by email at address iapqrgold2022@gmail.com on or before January 2, 2023 with the registration fee electronically deposited through NEFT transaction as per Bank details provided in the brochure