



The Paratuberculosis Newsletter

The official Publication of International Association for Paratuberculosis

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INTERNATIONAL ASSOCIATION FOR PARATUBERCULOSIS

Supporting the scientific and Agricultural Community since 1989
The International Association for Paratuberculosis, Inc. is a nonprofit scientific organization devoted to the advancement of scientific progress on paratuberculosis and related diseases.

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Note from Editor-in-Chief

Welcome to September-2023 Newsletter

Paratuberculosis or Johne's disease (JD) is a serious infection caused by *Mycobacterium avium* subspecies *paratuberculosis* (MAP). Paratuberculosis is endemic in most parts of the world. This disease severely affects the farm economy and has public health concerns with human Crohn's disease (CD). Control and eradication of this infection is a difficult task and coordinated efforts are required to fight the infection. In the era of emerging transboundary infections; collaborations at regional, national and international levels are needed especially for chronic infections like paratuberculosis. The International Association for Paratuberculosis (IAP) provides an excellent platform to develop such collaborations and formulate guidelines for the control and prevention of paratuberculosis. IAP also provides grants to support paratuberculosis research. IAP regularly releases IAP newsletters to provide updates in the field of paratuberculosis.

IAP organizes the International Colloquium on Paratuberculosis (ICP) in a biennial-manner. Scientifically, ICP meetings provide updated research in the field and attract research collaborations. ICPs also have social and cultural relevance as these meetings are organized in different countries and continents. This time ICP-2024 will be organized in Mathura, India (www.gla.ac.in/icpindia). The event is being managed by "Experiential Events Pvt. Ltd., New Delhi". We look forward to your participation in ICP-2024. I am sure you will enjoy the Indian hospitality alongside the scientific sessions. The local organizing committee sincerely thanks the IAP Board for the unconditional help and continued support in organizing ICP-2024. We will give timely updates on the progress of ICP-2024. We are looking forward to your contribution in the next edition of the newsletter.

Thanking you



Jagdip Singh Sohal, Ph.D.



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16th International Colloquium on Paratuberculosis (ICP- 2024)

Welcome to ICP-2024



Technical Sessions

- Epidemiology, MAP Diversity and Economic Burden
- Immunology, Immuno-genetics and Host Response
- Diagnostics and Omics
- Public Health, MAP in Food, Environment and Wild Life
- Management and Control Programs
- Other Mycobacterial Infections of Animals and Human Beings
- Alternative Therapeutics for Mycobacterial Infections

Important Dates

- Abstract Submission Opens: Sep. 25, 2023
- Abstract Submission Closes: Dec. 31, 2023
- Announcement of Abstract Acceptance: April 01, 2024
- Early Bird Registration Closes: Jan. 31, 2024



ICP-2024 Registration Fee (in USD)

Category	Early Bird	Standard Fee	Onsite Fee
Member	320	380	450
LMIC Member	230	290	320
Non member	380	450	510
LMIC Non member	250	320	380
Accompany Person	100	100	100

Local Organizing Committee (LoC)

S. No.	Role	Designation and Affiliation
1	Organizing Advisors	
a)	Prof. Kamal Sharma	Dean (Research & Development)
b)	Prof. Shoor Vir Singh	Head, Department of Biotechnology
2	Organizing Secretary	
a)	Dr Jagdip Singh Sohal	Head, Centre for Vaccines and Diagnostic Research
3	Co-Organizing Secretary	
a)	Dr Swaroop Kumar Pandey	Assistant Professor, Department of Biotechnology
4	Joint Secretaries	
a)	Dr Saurabh Gupta	Assistant Professor, Department of Biotechnology
b)	Dr Jyoti Gupta	Assistant Professor, Department of Biotechnology
c)	Dr Mukta Jain	Centre for Vaccines and Diagnostic Research
5	Organizing Members	
a)	Dr Parul Yadav	Scientist, Department of Biotechnology
b)	Dr Anuja Mishra	Assistant Professor, Department of Biotechnology
c)	Dr Alok Bhardwaj	Associate Professor, Department of Biotechnology
d)	Dr Vineeta Pandey	Assistant Professor, Faculty of Agriculture Sciences
e)	Dr Niraj Kumar Singh	Assistant Professor, Institute of Pharmaceutical Research
f)	Dr Kushagra Kulshretha	Professor, Institute of Business Management
g)	Dr Indranil Saha	Associate Professor, Department of Physics
h)	Dr Bhupendra Singh Chauhan	Professor, Department of Mechanical Engineering
i)	Dr Sanjeev Kumar	Associate Professor, Faculty of Agriculture Sciences
j)	Dr Sukhendra Singh	Assistant Professor, Department of Biotechnology



Technical Program of ICP-2024

S.No.	Day	Program	Remark
1.	Oct. 20, 2024	<ul style="list-style-type: none"> IAP Board Meeting Registration 	Visit to Mathura Museum
2.	Oct. 21, 2024	<ul style="list-style-type: none"> Registration Inauguration Technical Session 1 	Shree Krishan Janmashtmi Ashram Hotel
3.	Oct. 22, 2024	<ul style="list-style-type: none"> Technical Session 2&3 Cultural Event Welcome Dinner 	Cultural event will be organized by the GLA students, All India Radio and ISKCON Artists followed by dinner
4.	Oct. 23, 2024	<ul style="list-style-type: none"> Technical Session 4 Guided Tour to Taj Mahal and Red Fort, Agra and Gala Dinner 	Technical session will be conducted at National Jalma Institute For Leprosy & Other Mycobacterial Diseases followed by visits to The Taj Mahal and Gala Dinner
5.	Oct. 24, 2024	<ul style="list-style-type: none"> Technical Session 5 & 6 	
6.	Oct. 25, 2024	<ul style="list-style-type: none"> Technical Session 7 Visit to ISKCON Gurukul followed by dinner 	Visit to Gurukul will be made followed by dinner at Gurukul, Mathura
7.	Oct. 26, 2024	<ul style="list-style-type: none"> Paid guided tour to Fatehpur Sikri, ICAR-DRMR and Bird century, Bharatpur 	

Contact Details

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Highlights of Recent Paratuberculosis Research from India



1. Harshita Gandhi, Mukta Jain, Saurabh Gupta, Amit Kumar Singh, Amit Kumar and Jagdip Singh Sohal
Comparative evaluation of various in-house protocols on diagnostic performance for paratuberculosis IS900 PCR
Molecular Biology Reports, Volume 50, Pages 943–947 (2023)
<https://pubmed.ncbi.nlm.nih.gov/36371554/>
2. Manthena Navabharath, Varsha Srivastava, Saurabh Gupta, Shoor Vir Singh, and Sayeed Ahmad
Ursolic Acid and Solasodine as Potent Anti-Mycobacterial Agents for Combating Paratuberculosis: An Anti-Inflammatory and *In Silico* Analysis
Molecules, Volume 28(1), 274 (2023)
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9822293/>
3. Manthena Nava Bharath, Saurabh Gupta, Garima Vashistha, Sayeed Ahmad and Shoor Vir Singh
Bioprospective Role of *Ocimum sanctum* and *Solanum xanthocarpum* against Emerging Pathogen: *Mycobacterium avium* subspecies *Paratuberculosis*
Molecules, Volume 28(8), 3490 (2023)
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10145132/>
4. Gaya Prasad Jatav, Anantrao Kashiram Jayraw, Supriya Shukla, Shoor Vir Singh, Kundan Kumar Chaubey and Mukesh Shakya
Serodiagnosis of map infection by latex agglutination test in slaughtered buffaloes of Malwa region (M.P., India)
Buffalo Bulletin, Volume 42(1): 67-71 (2023)
<https://kuojs.lib.ku.ac.th/index.php/BufBu/article/view/3817>
5. Taruna Mohinani, Aditya Saxena and Shoor Vir Singh
Computational Analysis to Predict Drug Targets for the Therapeutic Management of *Mycobacterium avium* sub. *Paratuberculosis*
Current Drug Discovery Technologies, Volume 20(4): (2023)
<https://pubmed.ncbi.nlm.nih.gov/36896903/>
6. Anjali Pachoori, K Gururaj, Supriya Sachan and Deepansh Sharma
Multiplex qPCR for differentiation of *Mycobacterium avium* subspecies *paratuberculosis* in active and passive infection of goats
Applied Microbiology and Biotechnology, Volume 106(12): 4705-4717 (2022)
<https://pubmed.ncbi.nlm.nih.gov/35715649/>
7. Sunil Kumar and Awanish Kumar



- Microbial pathogenesis in inflammatory bowel diseases
Microbial Pathogenesis, Volume 163: 105383 (2022)
<https://pubmed.ncbi.nlm.nih.gov/34974120/>
8. B Gopi, Ran Vir Singh, Satish Kumar, Sushil Kumar, Anuj Chauhan, Arvind Sonwane, Amit Kumar, Jaya Bharati, Shoor Vir Singh
Effect of selected single nucleotide polymorphisms in *SLC11A1*, *ANKRA2*, *IFNG* and *PGLYRP1* genes on host susceptibility to *Mycobacterium avium* subspecies *paratuberculosis* infection in Indian cattle
Veterinary Research Communication, Volume 46(1): 209-221 (2022)
<https://pubmed.ncbi.nlm.nih.gov/34718924/>
9. Zahra Hemati, Eleftherios Meletis, Abdollah Derakhshandeh, Masoud Haghkhal, Polychronis Kostoulas, Shoor Vir Singh, Kundan Kumar Chaubey and Saurabh Gupta
Application of Bayesian modeling for diagnostic assays of *Mycobacterium avium* subsp. *paratuberculosis* in sheep and goat's flocks
BMC Veterinary Research, Volume 18: 47 (2022)
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8764775/>
10. Varsha Srivastava, Manthena Navabharath, Saurabh Gupta, Shoor Vir Singh and Sayeed Ahmad
Exploration of *Solanum xanthocarpum* Schrad. & Wendl. against *Mycobacterium avium* subspecies *paratuberculosis* and Assessment of Its Immunomodulatory and Anti-Inflammatory Potential
Pharmaceuticals, Volume 15(11): 1367 (2022)
<https://pubmed.ncbi.nlm.nih.gov/36355539/>
11. Shalini Sharma, Ajay Gautam, Shoor Vir Singh, Kundan Kumar Chaubey, Rajat Mehta, Maneesh Sharma and Saurabh Gupta
Immunological and Hemato-biochemical alterations in diarrhoeic buffaloes screened for *Mycobacterium avium* subspecies *paratuberculosis* infection using 'indigenous ELISA kit'
Comparative Immunology, Microbiology and Infectious Diseases, Volume 87: 101833 (2022)
<https://pubmed.ncbi.nlm.nih.gov/35714493/>
12. Saurabh Gupta, Kundan Kumar Chaubey, Prabhat Agarwal, J. Todd Kuentner, Deepak Parashar and Shoor Vir Singh
13. Therapeutic management of *Mycobacterium avium* subspecies *paratuberculosis* infection with complete resolution of symptoms and disease in a patient with advanced inflammatory bowel syndrome



Molecular Biology Reports, Volume 48: 7013–7020 (2021)

<https://pubmed.ncbi.nlm.nih.gov/34383243/>

14. Mukta Jain, Amit Kumar, Rathnagiri Polavarapu, Saurabh Gupta, G. K. Aseri, Deepansh Sharma and Jagdip Singh Sohal

Development of rELISA using novel markers for the diagnosis of Paratuberculosis

Journal of Immunological Methods Volume 497: 113105 (2021)

<https://pubmed.ncbi.nlm.nih.gov/34298067/>

15. Mukta Jain, Amit Kumar Singh, Amit Kumar, Saurabh Gupta, Rathnagiri Polavarapu and Jagdip Singh Sohal

Comparative performance of different antigens on the lateral flow assay (LFA) platform for the rapid serodiagnosis of Paratuberculosis

Journal of Microbiological Methods, Volume 192: 106367 (2022)

<https://pubmed.ncbi.nlm.nih.gov/34785270/>

16. Shalini Sharma, Ajay Kumar Gautam, Shoor Vir Singh, Kundan Kumar Chaubey, Manoj Kumar Rose, Yogesh Bangar and K. Gururaj

In vivo kinetics of peripheral cellular immune responses in *Mycobacterium avium* subspecies *paratuberculosis* (MAP) infected and vaccinated goats

Comparative Immunology Microbiology and Infectious Diseases, Volume 79:101710 (2021)

<https://www.sciencedirect.com/science/article/abs/pii/S0147957121001028>



Highlights of Global Recent Paratuberculosis Research



1. Gerard Badia-Bringué, María Canive, Patricia Vázquez, Joseba M Garrido, Almudena Fernández, Ramón A Juste, José Antonio Jiménez, Oscar González-Recio and Marta Alonso-Hearn
Association between High Interferon-Gamma Production in Avian Tuberculin-Stimulated Blood from *Mycobacterium avium* subsp. *paratuberculosis*-Infected Cattle and Candidate Genes Implicated in Necroptosis
Microorganisms, Volume 11(7): 1817 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37512987/>
2. Paul L. Wood and Erdal Erol
Construction of a Bacterial Lipidomics Analytical Platform: Pilot Validation with Bovine Paratuberculosis Serum
Metabolites, Volume 13(7): 809 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37512516/>
3. Davide Cossu, Yuji Tomizawa, Kazumasa Yokoyama, Tamami Sakanishi, Eiichi Momotani, Leonardo A Sechi and Nobutaka Hattori
Mycobacterium avium subsp. *paratuberculosis* Antigens Elicit a Strong IgG4 Response in Patients with Multiple Sclerosis and Exacerbate Experimental Autoimmune Encephalomyelitis
Life (Basel), Volume 13(7): 1437 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37511812/>
4. Alessandra Gaffuri, Filippo Barsi, Edoardo Magni, Stefania Bergagna, Debora Dellamaria, Matteo Ricchi, Livia De Paolis, Giorgio Galletti, Norma Arrigoni, Valentina Lorenzi, Francesca Fusi, Alice Prospero and Chiara Garbarino
Paratuberculosis, Animal Welfare and Biosecurity: A Survey in 33 Northern Italy Dairy Goat Farms
Animals (Basel), Volume 13(14): 2346 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37508122/>
5. Reynolds J A, Bradley A J, Sherwin V E, Remnant J G and Hudson C
Associations between Johne's disease and fertility in UK dairy herds
Veterinary Journal, 298-299: 106015 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37479055/>



6. Criado M, Pérez V, Arteche-Villasol N, Elguezabal N, Molina E, Benavides J and Gutiérrez- Expósito D
Evaluation of the innate immune response of caprine neutrophils against *Mycobacterium avium* subspecies *paratuberculosis* *in vitro*
Veterinary Research, Volume 54(1): 61 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37464437/>
7. Francisco Jurado-Martos, Fernando Cardoso-Toset, Carmen Tarradas, Ángela Galán-Relaño, José María Sánchez-Carvajal, Inés Ruedas-Torres, Eduardo Vera, Fernanda Larenas-Muñoz, Lidia Gómez-Gascón, Irene Magdalena Rodríguez-Gómez, Librado Carrasco, Jaime Gómez-Laguna, Belén Huerta Lorenzo and Inmaculada Luque
Diagnostic performance of faecal and tissue multiplex qPCR IS900/F57 for the detection of *Mycobacterium avium* subspecies *paratuberculosis* in cattle
Research in Veterinary Science, Volume 161:156-162 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37406574/>
8. Barletta R G, Bannantine J P, Stabel J R, Muthukrishnan E, Anderson D K, Dutta E, Manthena V Hanafy and Zinniel D K
Mycobacterium avium subsp. *paratuberculosis* Candidate Vaccine Strains Are Pro-apoptotic in RAW 264.7 Murine Macrophages
Vaccines (Basel), Volume 11(6): 1085
<https://pubmed.ncbi.nlm.nih.gov/37376474/>
9. Estevinho M M, Cabeda J, Santiago M, Machado E, Silva R, Duro M, Pita I, Morais R, Macedo G, Bull TJ, Magro F and Sarmiento A.
Viable *Mycobacterium avium* subsp. *paratuberculosis* Colonizes Peripheral Blood of Inflammatory Bowel Disease Patients
Microorganisms, Volume 11(6): 1520 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37375022/>
10. Krieger M, Eisenberg S, Donat K and Campe A.
High-Impact Risk Factors for *Mycobacterium avium* ssp. *paratuberculosis* in Dairy Herds in Germany
Animals (Basel), Volume13(12): 1889 (2023)
<https://www.mdpi.com/2076-2615/13/12/1889>



11. Cossu D, Tomizawa Y, Momotani E, Yokoyama K and Hattori N.
Adjuvant Activity of *Mycobacterium Paratuberculosis* in Enhancing the Immunogenicity of Autoantigens During Experimental Autoimmune Encephalomyelitis
Journal of Visualized Experiments, Volume 12: 195 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37246862/>
12. Stefanova EP, Quesada-Canales Ó, Paz-Sánchez Y, Caballero MJ and Quintana-Montesdeoca
Morphological Assessment of Concomitant Lesions Detected in Goat Herds Naturally Infected with Paratuberculosis (Johne's Disease)
Animals (Basel), Volume 13(10): 1693 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37238123/>
13. Pickrodt C, Donat K, Moog U and Köhler H
Mycobacterium avium subsp. *paratuberculosis* in Different Environmental Samples from a Dairy Goat Barn-Implications for Sampling Strategies for Paratuberculosis Diagnostic and Prevention
Animals (Basel), 13(10): 1688 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37238116/>
14. Matthews C, Walsh AM, Gordon SV, Markey B, Cotter PD and O' Mahony J.
Differences in Faecal Microbiome Taxonomy, Diversity and Functional Potential in a Bovine Cohort Experimentally Challenged with *Mycobacterium avium* subsp. *paratuberculosis* (MAP)
Animals (Basel), Volume 13(10): 1652 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37238082/>
15. Nájera-Rivera HD, Rodríguez-Cortez AD, Anaya-Santillán MG, Díaz-Aparicio E, Ramos-Rodríguez AV, Siliceo-Cantero IJ, Vázquez-Franco NC, Nieto-Patlán E, Peñas AL, Valdés-Vázquez LM and Cobos-Marín L.
Multiplex assay for the simultaneous detection of antibodies against small ruminant lentivirus, *Mycobacterium avium* subsp. *paratuberculosis*, and *Brucella melitensis* in goats
Veterinary World, Volume (4):704-710 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37235146/>



16. McAloon C G, Tratalos J A, O'Grady L, Green M J, Gavey L, Graham D, More S J, McGrath G and Mee JF.
An observational study of ear-tagged calf mortality (1 to 100 days) on Irish dairy farms and associations between biosecurity practices and calf mortality on farms participating in a Johne's disease control program
Journal of Dairy Science, Volume 106(7): 4966-4977 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37225580/>
17. Shao M, Cui N, Tang Y, Chen F, Cui Y, Dang G and Liu S.
A candidate subunit vaccine induces protective immunity against *Mycobacterium avium* subspecies *paratuberculosis* in mice
NPJ Vaccines, Volume 8(1): 72 (2023)
<https://www.nature.com/articles/s41541-023-00675-1>
18. Rasper-Hössinger M, Biggel M, Stephan R, Seehusen F and Scherrer S
Strain diversity in *Mycobacterium avium* subsp. *paratuberculosis*-positive bovine fecal samples collected in Switzerland
Frontiers in Veterinary Science, Volume 10:1154516 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37180063/>
19. Corbiere F, Guellouz D, Tasca C, Foures L, Dubaux E and Foucras G
Effects of Silirum®-Based Vaccination Programs on Map Fecal Shedding and Serological Response in Seven French Dairy Herds
Animals (Basel), Volume 13(9): 1569 (2023)
<https://www.mdpi.com/2076-2615/13/9/1569>
20. Schrott J, Sodoma E, Dünser M, Tichy A and Khol JL
Mycobacterium avium subsp. *paratuberculosis* in Sheep and Goats in Austria: Seroprevalence, Risk Factors and Detection from Boot Swab Sample
Animals (Basel), Volume 13(9):1517 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37174554/>
21. Massaro A, Tata A, Pallante I, Bertazzo V, Bottazzari M, Paganini L, Dall'Ava B, Stefani A, De Buck J, Piro R and Pozzato N
Metabolic signature of *Mycobacterium avium* subsp. *paratuberculosis* infected and infectious dairy cattle by integrating nuclear magnetic resonance analysis and blood indices
Frontiers in Veterinary Science, Volume 10:1146626 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37138915/>



22. Chawla R, Shaw B, von Bredow B, Chong C, Garner OB, Zangwill KM and Yang S
Accurate subspecies-level identification of clinically significant *Mycobacterium avium* and *Mycobacterium intracellulare* by whole-genome sequencing
Journal of Microbiological Methods, Volume 208:106726 (2023)
<https://pubmed.ncbi.nlm.nih.gov/37120137/>
23. Imada JB, Roche SM, Bauman CA and Kelton DF
Management practices associated with Johne's bulk tank milk ELISA positivity
Journal of Dairy Science, Volume 106(2):1330-1340 (2023)
<https://pubmed.ncbi.nlm.nih.gov/36543648/>



Highlights of Indian Tourism



Northern India

1. Golden Temple at Amritsar
2. Akshardham at Delhi
3. Red Fort at Delhi
4. Taj Mahal (7 wonders of world) at Agra
5. Prem Mandir at Mathura
6. Jim Corbett National Park at Uttarakhand
7. River Rafting at Rishikesh
8. Kedarnath at Uttarakhand

North-East India

1. Alluring at Gangtok
2. Kashi Vishwanath at Varanasi
3. Ram Janm Bhoomi at Ayodhya
4. Visit the famous Howrah Bridge and Victoria Memorial in Kolkata
5. Darshan at Jagannath temple, Puri
6. Exploring Sun Temple, Konark

Western India

1. Jaipur and Jodhpur Cities
2. Sand Dunes of Jaisalmer
3. Kutch (white desert of India) at Gujarat
4. Marine Drive at Mumbai
5. Gateway of India at Mumbai
6. Statue of Unity (World's tallest statue) at Gujarat
7. Lonavala at Maharashtra
8. Raigad fort at Pune



Election of New Board members



Background

When the Association was first formed in January 1989, the idea was to have a member of the Board for each country having 5 or more members in the Association. However, as the Association grew in qualifying countries with a diminishing total membership, the Governing Board grew to represent over 10% of the entire membership.

In 2022, the Association's ByLaws were completely overhauled with the intent to increase overall membership participation in the Association. This opened participation on the Board of Directors of the Association to all members meaning that you can be a member of the Board of Directors of the Association regardless of your country or country representation.

Roles of the Board

Members of the Board of Directors have the following responsibilities including but not limited to:

- a) Understand the organization's mission and provide financial oversight.
- b) Understand the fundamental legal and fiduciary duties of each individual board member including:
 - Duty of Care - Each board member has a legal responsibility to participate actively in making decisions on behalf of the organization and to exercise his or her best judgment while doing so.
 - Duty of Loyalty - Each board member must put the interests of the organization before their personal and professional interests when acting on behalf of the organization in a decision-making capacity. The organization's needs come first.
 - Duty of Obedience - Board members bear the legal responsibility of ensuring that the organization complies with these ByLaws and the applicable federal, state, and local laws, and adheres to its mission.
- c) Discuss and vote on the affairs of the organization;
- d) Make arrangements for meetings of the Association;
- e) Receive reports from the membership and committees and to approve or disapprove their recommendations;
- f) Be responsible for advancing and directing the mission and purpose of the Association and insuring that the Association has the resources to advance the mission;
- g) Serve as advocates for the Association's mission and purpose;
- h) Help the Association grow and flourish;



- i) Nominate and appoint Officers of the Association;
- j) Maintain Integrity of the Board by following conflict of interest policies and maintaining confidentiality regarding sensitive and private matters;
- k) Work cooperatively with the membership by communicating plans and any progress to the membership and other stakeholders;
- l) Devote the time commitment necessary to fulfill their duties as members of the Governing Board.
- m) Review these ByLaws and any associated laws on an annual basis and be responsible for compliance by the Board and membership.

New members of the Board will be elected to office by a membership wide vote prior to the next Colloquium and will take office at the end of the Colloquium. With modern telecommunications, you do not need to attend Colloquia to serve on the Board.

If you are interested in participating in the Association, think you can contribute to the functioning and improvement of the Organization and help lead it into the next century, consider running to become a member of the Board of Directors. Please contact us to express your interest: adel.talaat@wisc.edu

Since your election will be by a membership wide vote and most members may not know you, you will have the opportunity to express to the membership why you want to be on the Board and how you will contribute and advance the growth of the Association.

Of course, your expression of your interest at this time is not a commitment and you may withdraw at any time. Likewise, your failure to express an interest at this time will not hinder late interest, but could preclude you from additional notices.



A large banner with a warm, golden-yellow to light green gradient background. In the center, there is a circular logo featuring a stylized figure with hands in a prayer position (Anjali Mudra) against a background of the Indian national flag's saffron, white, and green horizontal stripes. Below the logo, the text "Welcome to ICP-2024" is written in a large, orange, sans-serif font. At the bottom of the banner, there is a white horizontal strip containing several accreditation logos: NIRF (National Institutional Ranking Framework), NAAC (National Assessment and Accreditation Council), IACBE (International Association to Advance Collegiate Schools of Business International), Times University (The University of Applied Sciences), and ARJIA (Association of Research Institutions for Paramedical Education).