

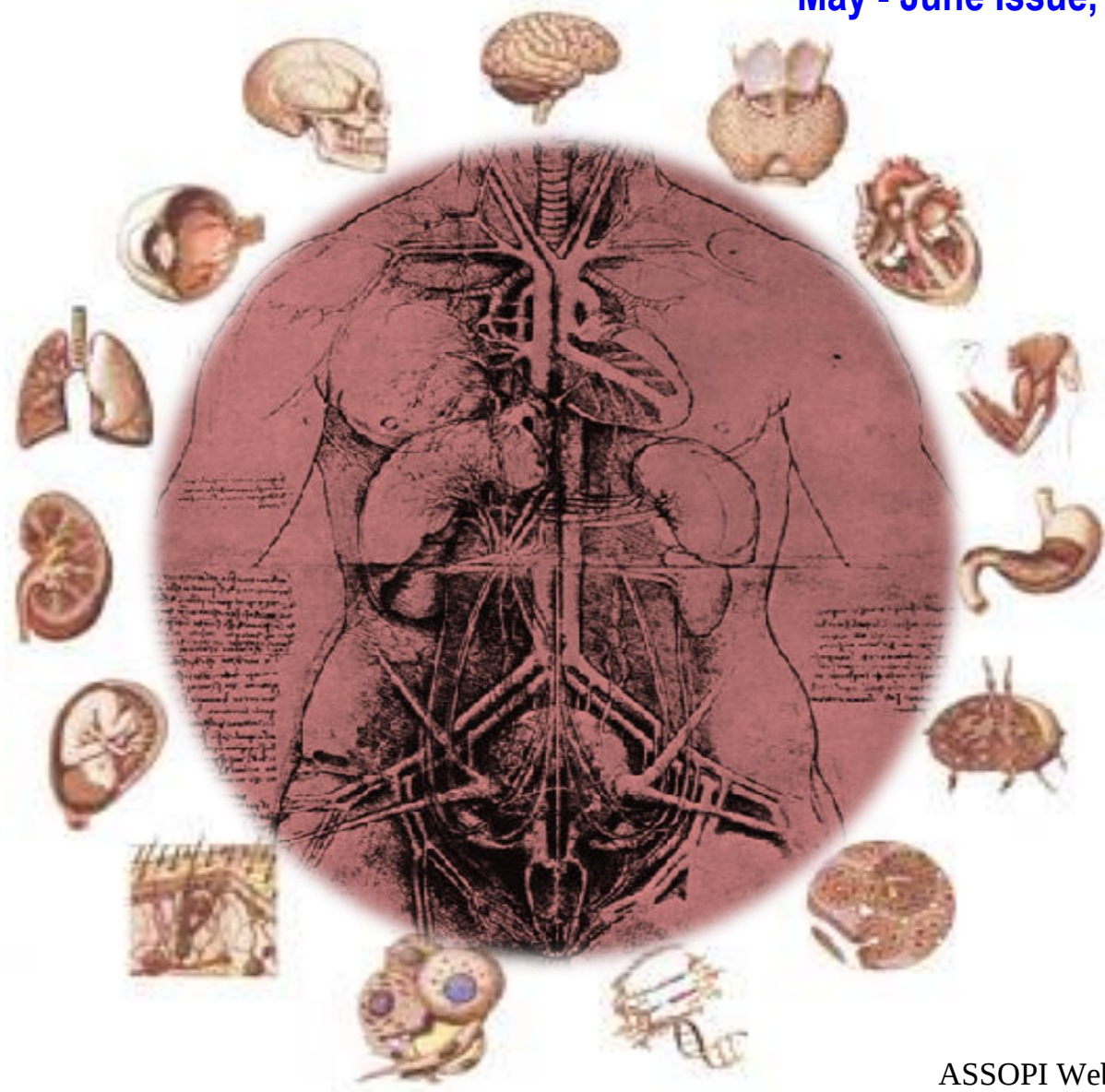
ASSOCIATION OF PHYSIOLOGISTS OF INDIA (ASSOPI)

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ASSOPI NEWS BULLETIN

May - June Issue, 2024



ASSOPI Website:
www.assopi.co.in

Motto of ASSOPI:

“Preventive and Promotive Physiology”
(Physiology for prevention of diseases and promotion of health)

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Additional Professor,
Department of Physiology,
AIIMS, Mangalagiri, A.P.

Executive Body Members of ASSOPI (arranged alphabetically)

Dr. AJAY BHATT
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MGMMC, Indore,
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Headquarters Office Secretary of
ASSOPI, & Professor of
Physiology, JIPMER, Puducherry

Dr. M. RENUGASUNDARI
Office Secretary to General
Secretary of ASSOPI, & Tutor,
Dept. of Physiology, AIIMS Patna

Invitation of Nomination / Application for New OB & EB Members of ASSOPI for the Year 2024-2026

As the tenure of the present office bearers (OB) and members of the executive committee (EC) ends this year, the new committee of office bearers and executive body members has to be constituted as per the constitution of ASSOPI. Therefore, this is to inform you all that the following posts will be vacant for the year 2024-2026, for which nomination from interested life members of ASSOPI may be reached **on or before 30th September, 2024**, in the format given below.

President: One post

Eligibility: Should be a life member of ASSOPI with minimum of 20 years standing as a Physiologist, after obtaining MD/PhD degree

Vice-Presidents: Four posts

Eligibility: Should be a life member of ASSOPI with minimum of 15 years standing as a Physiologist, after obtaining MD/PhD degree

Four vice-presidents will be from four geographical zones of the country, viz, **North zone** (Jammu & Kashmir, Uttarakhand, Haryana, Punjab, Himachal Pradesh, Delhi, Uttar Pradesh, Madhya Pradesh, Chhattisgarh); **South zone** (Telangana, Andhra Pradesh, Tamil Nadu, Karnataka, Pondicherry, Kerala); **East zone** (Bihar, Jharkhand, West Bengal, Odisha, Assam, Sikkim, Nagaland, Manipur, Tripura, Arunachal Pradesh, Mizoram); and **West zone** (Gujarat, Rajasthan, Goa, Maharashtra).

General Secretary: One post

Eligibility: Should be a life member of ASSOPI with minimum of 15 years standing as a Physiologist, after obtaining MD/PhD degree

Finance Secretary: One post

Eligibility: Should be a life member of ASSOPI with minimum of 10 years standing as a Physiologist, after obtaining MD/PhD degree

Editor-in-Chief: One post

Eligibility: Should be a life member of ASSOPI with minimum of 15 years standing as a Physiologist, after obtaining MD/PhD degree, and must have minimum 10 research publications

in PubMed indexed journals (PMID numbers of the publications to be produced with the list of 10 publications).

Joint Secretary: Four posts (From 4 different zones of the country)

Eligibility: Should be a life member of ASSOPI with minimum of 8 years standing as a Physiologist, after obtaining MD/PhD degree.

EB Members: Twenty posts (20 EB members, approximately representing various parts of the country including Headquarters Office Secretary and Office Secretary to General Secretary)

Eligibility: Should be a life member of ASSOPI with minimum of 5 years standing as a Physiologist, after obtaining MD/PhD degree.

The scanned PDF copy of the nomination in the format given below duly filled-in and signed by the nominee and proposer and seconder for the nomination along with a covering letter from the nominee addressed to General Secretary of ASSOPI, should be sent to the following email IDs:

1. gsassopi@gmail.com
2. renu231994@gmail.com

Please note the last date and time of application: **30th September, 2024, 5 PM**. Any application received by General Secretary after 5 PM of 30th September, 2024, will not be considered for nomination/selection. It is the responsibility of the applicant to ensure that his/her nomination is received by the General Secretary of ASSOPI through the email IDs as mentioned above, before the date and time prescribed.

All are requested to communicate only through mail, not by post. If there are queries, communication should be made through mail, or through WhatsApp of Office Secretary to General Secretary (Dr. M. Renugasundari, Contact: 8220703908) or General Secretary (Dr. G. K. Pal, Contact: 9344291160). Please don't make phone calls to General Secretary.

FORMAT OF NOMINATION

Nomination for the post of

I,, a life member of ASSOPI (Life Membership No:.....) is willing to be nominated for the post of of ASSOPI for the year 2024-2026.

My nomination is proposed and seconded (by life members), as follows,

Proposed by:
(Name) (Signature)

Seconded by:
(Name) (Signature)

Signature of the Nominee:

Date:

Place:

Invitation of Nomination / Application for ASSOPI Awards and Fellowship Title

1. ASSOPI Awards

Applications are invited for the following awards of ASSOPI. All life members of ASSOPI are eligible to apply for the awards, as per the eligibility requirements listed for each award. The '**Cover Letter**' of application addressed to Dr. G. K. Pal, General Secretary, ASSOPI, Executive Director & CEO, AIIMS Patna, duly signed by the nominee/applicant (clearly mentioning the title of the award for which nominated, ASSOPI Life Membership Number of the applicant, present designation, full communication address, E-mail ID, Mobile Number, WhatsApp number), along with the PDF copy of the publication/manuscript and other supporting documents as mentioned in the eligibility requirements, should be sent to ASSOPI official e-mail ID of Dr. G. K. Pal: gsassopi@gmail.com with a cc attached to renu231994@gmail.com

After initial scrutiny, an acknowledgment will be sent within a week's time from the date of receipt of application, and then the result of the award will be communicated on or before 30th September, 2024. Please note that the last date and time of submitting application is **31st August (Saturday), 2024, 5 PM**. Any application received by General Secretary in his e-mail account after 5 PM of 31st August, 2024, will not be considered for selection for the award. It is the responsibility of the applicant to ensure that his / her application is received by General Secretary of ASSOPI before the date and time prescribed. There is no need of sending the hardcopy of the application and the paper for the award. Please note, the works conducted recently and paper published from **1st April, 2022 till last date of nomination (31st August, 2024)** will be considered for these awards. Only one paper should be sent for a particular award and same paper should not be submitted for another award. Individuals those who have received award in the previous years, should not apply for the same award in the subsequent years. If a candidate is selected for more than one award in the same year, he has to opt for the one by sending a written statement for the preference of the award, addressed to General Secretary (two awards will not be presented to one person in the same year).

All categories of award applications will be reviewed by subject experts in the corresponding field. Suggestion of name of experienced reviewers/judges for all the categories of awards (with their designation, e-mail ID and cell phone numbers) can be given by ASSOPI members. However,

list of reviewers for each category of award will be finalized by office bearers of ASSOPI. If there is an applicant for a particular award from an institute, the reviewer / judge for that award from the same institute will not be considered.

1. **ASSOPI Annual Oration of an Outstanding Physiologist**
2. **Prof. A. S. Paintal Oration Award** for best research work in Physiology by a physiologist aged 45 years or above.
3. **Dr. Artatran Nanda Memorial Award** for best research work in Respiratory Physiology.
4. **Prof. S. B. Deshpande Award** for best research work in Neurophysiology.
5. **Prof. G. K. Pal Award** for best research work in Cardiovascular Physiology.
6. **JIPMER Golden ASSOPICON Award** for best research work conducted by a postgraduate student in Physiology.
7. **Shri S. N. Chaudary Memorial Award** for best research work in Environmental Physiology.
8. **Shri Ram Murti Smarak Award** for best research work in Yoga and Naturopathy.
9. **Shri B. M. Patil Memorial Award** for best research work in Physiology by a physiologist below the age of 45 years.
10. **Ramesh Bijlani Lifetime Achievement Award** in Medical Sciences.
11. **Prof. S. K. Singh Award** for best research work conducted by an undergraduate medical student in Physiology.
12. **Prof. Narsingh Verma Award** for best research work conducted in Chronobiology.

Eligibility Requirements

A. For Award No. 1 (ASSOPI Annual Oration of an Outstanding Physiologist):

- i) For ASSOPI Life Members only
- ii) Age: 55 years or above
- iii) Worked as Professor for more than 10 years.
- iv) Should have substantial contribution as a teacher and academician: Number of years served in a medical college as a teacher, number of PG and PhD students guided, number of MBBS students guided for ICMR students' project or similar projects, books written or chapters written in a book.

- v) Substantial contribution as a researcher: Minimum 10 PubMed indexed publications of original research articles as the first or corresponding author (**PMID to be provided** for each publication), new research tool or patent developed, establishment of research facilities, etc.
- vi) Significant contribution to medical education and training
- vii) Should have contributed establishing clinical investigation facilities in the department or institute
- viii) Should have administrative experience as Head of the Department, Registrar, Dean/Principal, Associate Dean/Vice-Principal etc.
- ix) Should have organized conferences, workshops, symposia at state / national / international level.
- x) Should have received research / academic awards and/or Fellowships at institution / state / national / international level.

Full bio-sketch of the applicant to be provided with the nomination (**self-nomination**)

1. Full name
2. Date of birth
3. Details of corresponding address with mobile number, WhatsApp/Telegram number and Email ID
4. Details of academic qualifications (starting from UG onwards with the name of the institute and university, and year of passing, number of attempt, given in a tabular format)
5. List of fellowships received
6. Details of the service experience in tabular format in various positions (especially the date of becoming professor to be highlighted, as minimum 10 years in the post of professor is one among the eligibility criteria)
7. Administrative experiences
8. Complete list of research publications (with **PMID for PubMed publications** of original research articles and DOI for non-PubMed publications, Impact Factor of publications as per Thompson Reuters scale), Total Citations, h index, i-10 index in ResearchGate and Google Scholar, and RG Score
9. List of funded projects (with name of funding agency and the approval number with date of approval)

10. Number of students guided with details such as name of the student, title of the dissertation / thesis and year of passing of the student, to be given in a tabular format
11. List of books or chapters in books written
12. List of awards / orations received (name of the award, name of the organization conferring the award and the year award was received)
13. Member of various national and international bodies
14. List of conferences / CME / workshop / symposia organized (with the venue and year)
15. List of conferences / CME / workshop / symposia attended (with the venue and year)
16. List of patents developed, if any
17. Any other relevant information, in support of the application for the award
18. Signature with date

A committee consisting of 3 senior members of ASSOPI for this ASSOPI Annual Oration will decide the suitability of the nominee.

B. For Award No. 2 (Prof. A. S. Paintal Oration Award for best research publication in Physiology by a physiologist aged 45 years or above):

- i) This award is meant only for the life members of ASSOPI.
- ii) The work should be a recent one and should be published from 1st April, 2022 till 31st August, 2024 (a PDF Copy of the published paper or the manuscript of the work should be submitted).
- iii) The nominee should be the First or Corresponding author.
- iv) It should be a PubMed indexed publication (**PMID to be given**), and should be an original article.
- v) **Impact Factor of publication should be 2 or above** as per Thompson Reuters IF-Scale
- vi) The same work should neither have received nor have been submitted for any other award from other organizations/associations/scientific bodies.
- vii) If it is a multiple author work, all other authors should give a signed declaration for the person nominated for the award.

viii) **Age: 45 years or above** (a self-attested copy of Birth Certificate or School Leaving Certificate or Passport or Driving License or Aadhaar Card should be attached as a proof for age).

C. For Award No. 3 to 5, 7, 8 and 12:

- i) This award is meant only for the life members of ASSOPI.
- ii) The work should be a recent one and preferably be published in a peer reviewed journal from 1st April, 2022 till 31st August, 2024 (a PDF Copy of the published paper or the manuscript of the work should be submitted).
- iii) The same work should neither have received nor have been submitted for any other award from other organizations/associations/scientific bodies.
- iv) If it is a multiple author work, and the author nominated for award is not the first author or corresponding author in the publication, all other authors should give a signed declaration for the person nominated for the award.

D. For Award No. 6 (JIPMER Golden ASSOPICON Award for best PG Research Paper):

- i) This award is meant for **postgraduates in Physiology** who are the life members of ASSOPI.
- ii) The work should have been conducted by a postgraduate student (M.D./M.Sc.) in Physiology, during his or her postgraduate training.
- iii) The same work should not have received or submitted for any other award from other organizations /associations/scientific bodies.
- iv) The nomination should be accompanied by a PDF copy of the published article and a declaration from the guide certifying that the work has been done by the applicant under his guidance during his/her postgraduate study.
- v) If the work has not been published in a journal, the word file of the manuscript of the work should accompany a certificate from the Head of the Department stating that the work was conducted by the student (student's name) under the guidance of a faculty (guide's name), in his/her department during this period (month and year).

- E. For Award No. 9 (Shri B. M. Patil Memorial Award** for best research work in Physiology by a physiologist below the age of 45 years):
- i) This award is meant only for the life members of ASSOPI **below the age of 45 years** (a copy of Birth Certificate or School Leaving Certificate or Passport or Driving License or Aadhaar Card should be attached as a proof for age).
 - ii) The work should be a recent one and preferably be published in a peer reviewed journal from 1st April, 2022 till 31st August, 2024 (a PDF Copy of the published paper or the manuscript of the work should be submitted).
 - iii) The same work should neither have received nor have been submitted for any other award from other organizations/associations/scientific bodies.
 - iv) If it is a multiple author work, and the author nominated for award is not the first author or corresponding author in the publication, all other authors should give a signed declaration for the person nominated for the award.
- F. For Award No. 10 (Ramesh Bijlani Lifetime achievement Award in Medical Sciences):**
- i) Nomination for this award will be invited along with other nominations of ASSOPI Awards and the award will be presented to the awardee in the inaugural ceremony of the ASSOPICON of that year along with the other awards.
 - ii) The nomination for the award should be proposed and seconded by the life members of ASSOPI along with the consent of the nominee.
 - iii) The nominee should be an eminent medical scientist **(not less than 55 years of age)** in any branch of medicine and should have outstanding contribution in the field of medical research.
 - iv) The nomination should have a brief CV of the nominee that should contain the date of birth and age, along with the list of all publications (only list).
 - v) A duly constituted committee will scrutinize the nominations received and will recommend the name of the awardee, if anybody found suitable. The total number of publications, total citations, scientist h-index and i-10 index as displayed in the Google Scholar or ResearchGate will be considered for selecting the awardee.

- vi) Any senior medical physiologist / medical scientist may be nominated for this award, but the person selected for the award **should become a life member prior to the award being presented** to him/her in the annual conference.
- vii) The awardee will make a summary presentation of his/her research works, along with presentation of other award papers in the “Award paper presentation session” of the conference.

G. For Award No. 11 (Prof. S. K. Singh Award for best UG Research Paper):

- i) This award is meant for an **undergraduate medical (MBBS) student**.
- ii) The work should have been conducted by an undergraduate student during his or her undergraduate course.
- iii) The same work should not have received or submitted for any other award from other organizations /associations/scientific bodies.
- iv) The nomination should be accompanied by a PDF copy of the published article.
- v) If the work has not been published in a journal, the manuscript for the award should accompany a certificate from the Head of the Department stating that the work was conducted by the student (student's name) under the guidance of a faculty (guide's name), in his department during this period (months and year).
- vi) Application for this award will be invited along with other application/nominations of ASSOPI Awards, a duly constituted committee will recommend the name of the awardee and the award will be presented to the awardee in the inaugural ceremony of the ASSOPICON of that year.
- vii) The student selected for the award should **become a life member of ASSOPI prior to the award being presented** to him/her in the annual conference.
- viii) The awardee will present his/her research works, along with presentation of other award papers in the “Award paper presentation session” of the conference.

2. Fellowship Title of ASSOPI

The ASSOPI invites self-nomination/application for Fellowship title “**FAP**I” (Fellow of Association of Physiologists of India) from eligible members. A maximum of five Fellowship titles will be conferred

in a year. The self-nomination/application should include a detailed bio-data (as given in the eligibility criteria) and online transfer of Rs.11,000/- (rupees eleven thousand only), out of which one thousand will be paid as application fee (non-refundable) and ten thousand will be paid as the fee for fellowship title. A committee duly constituted by office bearers of ASSOPI will scrutinize the application and finalize the list of members (maximum five in a year) for the fellowship title. If the applicant is not selected for the fellowship title, Rs. 10, 000/- paid as fellowship fee will be refunded to him/her within one month of finalization of the fellowship list. The payment details will be available with an email request to General Secretary at gsassopi@gmail.com with a Cc to renu231994@gmail.com.

Eligibility Requirements:

1. Fellowship title is meant for life members of ASSOPI.
2. The member should have minimum 20 years post-MD or Post-PhD teaching and research experience (should attach a copy of MD/PhD certificate).
3. The member should have **minimum 10 PubMed indexed publications** (List of total publications, with a separate list of **10 best PubMed indexed papers with PMID Numbers**, should be attached).
4. A detailed bio-data of the applicant should accompany the application / nomination for fellowship. The bio-data should highlight the month and year of MD/PhD degree awarded, number of years of service in various capacities, numbers of MD/PhD students guided, number of awards received, any patent developed, and any other relevant information for fellowship application.

Executive Body members and Office Bearers of ASSOPI are also eligible to apply for any ASSOPI award or ASSOPI fellowship title during their tenure as EB member and Office Bearer.

All correspondence related to awards and fellowship title should be addressed to Dr. G. K. Pal, General Secretary and should be sent to his official e-mail ID: gsassopi@gmail.com with a cc attached to renu231994@gmail.com. **Only soft copy of the nomination (PDF files)** should be sent through mail. No need of sending hardcopies.

Past Events:

1. Achievements and Activities (as intimated to ASSOPI Office)

October, 2023

1. Department of Physiology, Sarojini Naidu Medical College, Agra conducted 2nd Short Term Studentship: STS-ICMR Awareness Workshop on “Learning Research to Evolve” on 18th and 19th October, 2023.

November, 2023

1. Department of Physiology, AIIMS Deoghar organized a grand celebration for Physiology Week on 21st November, 2023 in collaboration with the Physiological Society of UK.
2. Dr. Archana Gaur, Assistant Professor of Physiology, AIIMS Bibinagar received the Novartis Young Investigator Award at RSSDI 2023 at Mumbai on November, 2023.
3. Workshop on “Mind and Heart Wellness” organized by Department of Physiology, AIIMS Kalyani on November, 2023.

December, 2023

1. Department of Physiology, AIIMS Raipur organized a National CME on “Artificial Intelligence in Physiology and Healthcare” on 9th December, 2023.
2. Dr. Avinash Thakare, Additional Professor, AIIMS Bhopal, received best oral presentation award in faculty category in BMSECON 2023 held at AVMC from 13th to 15th December, 2023.

January, 2024

1. Dr. G. K. Pal, General Secretary of ASSOPI and Executive Director & CEO, AIIMS Patna took an additional charge of Executive Director & CEO, AIIMS Gorakhpur on 3rd January, 2024.
2. Department of Physiology, AIIMS Bhubaneswar organized a CME on “Sarcopenia: Present & Future Perspectives” on 20th January, 2024.
3. Department of Physiology, AIIMS Bibinagar organized a CME cum Workshop on “Autonomic Function Testing and its Clinical Implications” on 30th January, 2024.

February, 2024

1. Department of Physiology, SAMC&PGI, Indore organized a CME on “Sleep Science: A Career for Physiologists” on 26th February, 2024.

March, 2024

1. Dr. Santosh Wakode, Professor & Head, Department of Physiology, AIIMS Bhopal received Best Para Clinical Department Award on the occasion of Foundation Day at AIIMS Bhopal on 3rd March, 2024.
2. Department of Physiology, Kokrajhar Medical College & Hospital organized a CME on “High altitude Physiology – A practical approach” on 7th March, 2024.
3. Department of Physiology, KGMU Lucknow organized a joint conference of APPI and ASSOPI UP Chapter “PHYSIOLOGY UP - 2024” under the leadership of Prof. Narsingh Verma on 16th March, 2024.
4. Department of Physiology, JIPMER organized 3rd National Workshop on Clinical Investigations in Physiology – CIP 2024 from 21st to 23rd March, 2024.
5. Prof. Prasunpriya Nayak, one of the founder members of ASSOPI has taken over as President of Physiological Society of India on March, 2024.

May, 2024

1. Department of Physiology, AIIMS Raebareli organized a CME on “Hypertension: A comprehensive approach” on 11th May, 2024.
2. Department of Physiology, MGMCRI, Puducherry in collaboration with National Institute of Technology, Puducherry organized a CME cum Workshop on “Plugging Artificial intelligence in medical sciences” on 17th May, 2024.
3. Department of Physiology, AIIMS Gorakhpur organized a CME on “Neurometrics: Quantitative EEG and Brain Mapping” on 18th May, 2024.

June, 2024

ASSOPI Chapter of Rajasthan organized a Webinar on “Lifestyle Medicine: for prevention and management of diseases” on 29th June, 2024.

Membership Status of ASSOPI:

We are thrilled to announce that Association of Physiologists of India (ASSOPI) has **crossed 900 members**. This significant milestone of ASSOPI reflects our Physiology community's dedication and passion to the growth of the association, and the credibility of the leadership of the association. It manifests our commitment to continue working together, fostering collaboration, and achieving our collective goals. Thank you all for your continued support and interest for the upliftment of ASSOPI.

Minutes of 9th GB Meeting:

Minutes of the 9th General Body Meeting of ASSOPI

(held on 28th October, 2023, during the 9th ASSOPICON organized at KGMU, Lucknow)

The 9th meeting of General Body (GB) of Association of Physiologists of India was conducted on 28th October, 2023, at 5.30 PM, organized at King George Medical University (KGMU), Lucknow

Forty-two life members of ASSOPI participated in the meeting and the following agenda items were discussed.

1. Obituary and Apologies

At the commencement the meeting, Dr. G. K. Pal, General Secretary asked for the report of obituary of any life member if any. Prof. Sandip Sardesai informed that Dr. Edelweiss Rodriques, Lecturer in Physiology at Goa Medical College, an alumna of Goa Medical College with MD Physiology (2012) died at a young age. She has made significant contributions to the field of medicine, and also was a life member of ASSOPI. Two-minutes silent prayer was held as a mark of respect to the departed soul.

2. Approval of the minutes of the 8th GB meeting held on 15/10/2022

Dr. G. K. Pal, General Secretary, informed that the minutes of the 8th General Body Meeting (GBM), which was conducted on October 15, 2022, during 8th ASSOPICON held at AIIMS Nagpur, was circulated to all the members and was published in ASSOPI News Bulletin. The same has also been displayed in the ASSOPI website. Till date, neither observations nor comments have been received. The General Body gave its approval for the minutes of 8th meeting of GB.

3. Presentation of annual report by General Secretary

Dr. G. K. Pal, the General Secretary, presented the annual report for ASSOPI covering the period from September 2022 to September 2023. The key highlights of the report are outlined below.

Report of General Secretary, ASSOPI 2022-2023

1. Newly enrolled life members: **118** (Total life members as on 21.10.2023 are **792**)

2. Nomination/Application and finalization of various ASSOPI Awards:

- Total nominations received: 39 award applications including 1 for Fellowship title.

Name of the Award	Number of Applications Received	Award Winner
ASSOPI Annual Oration of an Outstanding Physiologist	1 Applicant	Dr. G. K. Pal, Executive Director & CEO, AIIMS Patna, Bihar.
Prof. A. S. Paintal Oration Award (Best research work in Physiology)	2 Applicants	Dr. T. N. Sathyaprabha, Professor, Dept. of Physiology, NIMHANS, Bengaluru.
Dr. Artatran Nanda Memorial Award (Best research work in Respiratory Physiology)	4 Applicants	Dr. Surya Kant, Professor & Head, Dept. of Respiratory Medicine, KGMU, Lucknow.
Prof. S. B. Deshpande Award (Best research work in Neurophysiology)	7 Applicants	Dr. Priyadarshini Mishra, Additional Professor, Dept. of Physiology, AIIMS Bhubaneswar
Prof. G. K. Pal Award (Best research work in Cardiovascular Physiology)	5 Applicants	Dr. Kaviraja Udupa, Professor, Dept. of Neurophysiology, NIMHANS, Bengaluru.
JIPMER Golden ASSOPICON Award (Best research work by a postgraduate student in Physiology)	3 Applicants	Dr. Prashanth Arumugam, Junior Resident, Dept. of Physiology, Mahatma Gandhi Institute of Medical Sciences, Wardha.
Shri S. N. Chaudary Memorial Award (Best research work in Environmental Physiology)	2 Applicants	Mr. Sutirtha Ghosh, PhD Scholar, Dept. of Physiology, AIIMS, New Delhi.
Shri Ram Murti Smarak Award (Best research work in Yoga and Naturopathy)	4 Applicants	Dr. Ruchi Singh, Additional Professor, Dept. of Physiology, AIIMS Bhopal.
Prof. S. K. Singh Award (Best research work conducted by an undergraduate medical student in Physiology)	6 Applicants	Mr. Prashanth Chandrasekaran, UG Medical Student, JIPMER, Puducherry
Ramesh Bijlani Lifetime Achievement Award in Medical Sciences	1 Applicant	Dr. Latika Mohan, Professor & Head of Physiology, AIIMS Rishikesh.
Shri B. M. Patil Memorial Award (Best research work in Physiology by a Physiologist below the age of 45 years)	1 Applicant	Ms. M. Renugasundari, Tutor, Dept. of Physiology, AIIMS Patna, Bihar.

Prof. Narsingh Verma Award (Best research work conducted in Chronobiology)	2 Applicants	Dr. Ruchi Singh , Additional Professor, Dept. of Physiology, AIIMS Bhopal.
Fellowship Title of ASSOPI (FAPI)	1 Applicant	Dr. Sucharita Sambashivaiah , Professor & Head, Dept. of Physiology, St. John's Medical College, Bengaluru.

3. Affiliation to other societies:

- i) **Inclusion of ASSOPI in IUPS:** In continuation of the mail that ASSOPI has been approved by the IUPS general assembly as a new member of the IUPS family, we received a mail on 25th May, 2023 for the invoice of our 2023 IUPS membership dues of USD 294.00. The PDF copy of the communication from IUPS displayed for information of all. The payment of the fees was done on 7th July, 2023.
- ii) **Inclusion of ASSOPI in FIPS:** After tough discussions in the last two FIPS EC meeting, ASSOPI has been admitted to Federation of Indian Physiological Society (FIPS) as a regular constituent member in GB meeting of FIPS during 9th FIPS Congress organized at NIPER, Hyderabad. Dr. G. K. Pal informed that he has received the request from FIPS President to organize FIPS Congress at AIIMS Patna. The proposal of General Secretary to conduct the next FIPS Congress in 2024 at AIIMS Patna was discussed. The PDF copy of the communication from FIPS displayed for information of all.
- iii) Application has been submitted to SAAP for inclusion of ASSOPI as a regular member of SAAP.

4. ASSOPI Representation to NMC:

Dr. G. K. Pal informed that he has received requests from members that Neurophysiology and Respiratory Physiology investigations done by Physiology Department in various medical colleges should be included in the list of Central Clinical Lab Services of the hospital, and it should be notified by NMC for this inclusion. After a thorough discussion, it was decided that a representation can be made from ASSOPI to NMC for this purpose.

5. Zonal activities:

- i. On the occasion of starting DM course in "Clinical and Interventional Physiology", a virtual CME was conducted on "Physiology in Clinical Practice: Strategies, Scopes and Challenges" by the Department of Physiology, AIIMS Patna on 1st August, 2023.
- ii. Association of Physiologists of India (ASSOPI) Chapter of Bihar was inaugurated on 2nd August, 2023 in the Department of Physiology, AIIMS Patna. Dr. Latika Mohan, President, ASSOPI was the Chief Guest of inauguration of ASSOPI Bihar Chapter.
- iii. An Orientation Workshop for the DM course in Clinical and Interventional Physiology was

organized by Department of Physiology, AIIMS Patna on 19th August, 2023.

- iv. ASSOPI – U.P. Chapter is regularly publishing newsletter cum research bulletin “Physiology Insight”. During last year (October, 2022 to September, 2023) 1 issue of Physiology Insight was published. The total number of write-ups published in the issue are as follows:

<i>Editorials</i>	<i>Scientific articles</i>	<i>Short Communications</i>	<i>Extra-curricular</i>	<i>Total</i>
2	3	1	2	8

4. Approval of ASSOPI Awards, 2023

Dr. G. K. Pal, General Secretary informed the GB that a total of 38 nominations for various awards of ASSOPI and 1 nominations for Fellowship Title of ASSOPI were received, and a committee consisting of two subject experts for each award was constituted for evaluating the nominations. The report of the committee was approved by the President of ASSOPI. GB endorsed the approved the list of recipients of ASSOPI Awards, 2023 during the meeting held on 27th October, 2023 and the awardees received awards on 27th October, 2023 in the inaugural ceremony of ASSOPICON-2023

5. Presentation of audited statement of account by Finance Secretary

General Secretary informed that the Finance Secretary Dr Velkumary has communicated her inability to attend the GB Meeting to present the audited report and she has nominated Dr Pravati Pal, Vice President of South zone, to present the audited report on her behalf. Dr Pravati Pal presented the detailed audit statement of account for the year 2022-23. After a thorough discussion, the audited report was accepted and approved by GB, which was proposed by Dr. Hasmukh Shah and seconded by Dr. Kaviraj Udupa.

6. Status of ASSOPI Journal

Dr. G. K. Pal informed that the ASSOPI Journal has not started yet due to nonavailability of quality papers, in-spice of sincere efforts to get the papers. He informed that as already discussed in the last GB Meeting, efforts may be made to adopt IJCEP as official journal of ASSOPI. After a thorough discussion, Dr. G. K. Pal was requested to get it done as early as possible. Dr. Pal informed that a Memorandum of Understanding (MoU) has to be signed for the purpose. The assembly approved the decision to sign an MoU between ASSOPI Journal

proprietor. Dr. Pal informed that he has already initiated the procedure and as per communication from the journal owner, they need amount of about Rs. 12 lakhs to be paid by ASSOPI as he has spent those amounts in establishing the journal. Otherwise, we can mention that IJCEP is endorsed by ASSOPI. Though members agreed for payment of Rs. 10 lakhs, Dr. Pal said he will talk to them for further negotiation, or IJCEP endorsed by ASSOPI can be the arrangement for the time being. However, as it was discussed in the EB meeting at length that ASSOPI can pay the money to own the journal for the association, Dr. Pal was authorized to negotiate for the payment and make IJCEP as official journal of ASSOPI.

7. Organizational matters

i. Recruitment of new members

Presented by General Secretary in his report as stated above.

ii. Interim activities of ASSOPI

Presented by General Secretary in his report as stated above.

iii. Affiliation to other bodies like SAAP

Discussed above in the Annual Report presented by General Secretary.

iv. Inviting Suggestions and inputs at social platform like WhatsApp

- v. Power of attorney (finance) to Rajasthan chapter as they do not have their Society Registered Permanent Account Number (PAN): Dr. G. K. Pal informed that the Power of Attorney will not be given, but authorization will be given to open the Account in their local branch of the bank using ASSOPI PAN Card.

8. Finalization of venue for next annual conference of ASSOPI and proposal for subsequent conferences:

The request for conducting next annual conference of ASSOPI in 2024 was proposed by Dr. G. K. Pal at AIIMS Patna along with FIPS Congress. The proposal of FIPS Congress and 10th ASSOPICON, 2024, to be organized by Department of Physiology under the leadership of Dr. G. K. Pal as Chief Patron and Dr. Tribhuvan Kumar, Head of Physiology, AIIMS, Patna as the Organizing Chairman, was approved.

Proposals were received for conducting annual conference of ASSOPI subsequently for next two years.

11th ASSOPICON 2025 at Geetanjali Medical College, Udaipur.

12th ASSOPICON 2026 at AIIMS, Mangalagiri.

13th ASSOPICON 2027 at AIIMS, Rishikesh

14th ASSOPICON 2028 at NIMHANS, Bengaluru

Dr. G. K. Pal emphasized the importance of enhancing the conference's accessibility to both students and scientists. To achieve this, he proposed that the Association's scientific committee should take an active role in providing guidance to the future Organizing Chairman. This guidance would primarily focus on the essential directives for the conference, particularly concerning its scientific aspects.

9. Proposal for new ASSOPI awards

Dr. G. K. Pal informed that Dr. Indira Chakravarty has proposed a new award in Reproductive Physiology, named the "Prof. (Dr.) Mukta Sen Memorial Award" in honor of her mother, who is a life member of ASSOPI. Dr. Mukta Sen, an alumna of Madras Medical College (MMC) in Chennai, holds the distinction of being not only the first female doctor from Karnataka but also the first Indian woman to complete her MPH degree at Harvard University. Her illustrious career included serving as the Head of the Department of Maternity and Child Welfare at Government Medical College, Kolkata. She also received a prestigious Rockefeller Foundation Fellowship and currently holds the position of Director at the All-India Institute of Public Health in Kolkata. Dr. Pal informed that Dr. Indira Chakravarty has agreed to pay the five lakhs of seed money for the award. GB approved the proposal of Dr. Indira Chakravarty for the new award in Reproductive Physiology, named the "Prof. (Dr.) Mukta Sen Memorial Award" to be instituted from 2023.

10. Presentation of a brief report by Organizing Chairman (Special Invitee)

Dr. G. K. Pal, the General Secretary of ASSOPI, sincerely invited Dr. Narsingh Verma, who played a pivotal role as the Organizing Chairman of ASSOPICON 2023, to provide a comprehensive report and insights on the conference's organization. In response, Dr. Narsingh Verma extended his heartfelt appreciation to Dr. S. B. Deshpande, Dr. Latika Mohan, Dr. G.K. Pal, as well as all the esteemed members of the OB & EB and life members of ASSOPI for their gracious presence at the conference and their unwavering support and encouragement. He informed that 200 members registered and attended the conference. The 8 workshops along with 4 symposia were successfully conducted during the conference.

He thanked all the ASSOPI members for the opportunity given to organise the conference (ASSOPICON- 2023) at KGMU, Lucknow. He expressed his heartfelt gratitude and thanked Dr. G K Pal profusely for granting him the opportunity to organize ASSOPICON-

2023 in his concluding year as the Head of the Department of Physiology at KGMU, Lucknow, in spite of the event being initially designated for a different institute. Dr. Verma also commended his dedicated team for their exceptional efforts in ensuring the resounding success of ASSOPICON 2023.

11. Any other matters (with permission of chair)

- i. Dr. G. K. Pal informed that during the Executive Body meeting, members have proposed for raising the Life Membership fee from 3,000 to 5,000. However, a unanimous decision was reached to maintain the current fee until the organization reaches 1,000 members, as agreed upon in the previous ASSOPI GB meeting
- ii. Dr. Pal also informed that if a member is selected for two awards in the same year they will be required to select and choose one of the awards. This was approved by GB.
- iii. Dr. Narsingh Verma proposed that payment by QR code should also be kept as an option life membership registration to facilitate the process.
- iv. Dr. G. K. Pal informed that a request has come from FIPS to nominate two members from ASSOPI to central FIPS Council, before the next FIPS Annual Meeting. He said after due consultation with the core committee of office bearers of ASSOPI, the names of two members will be nominated.

12. Vote of thanks

The General Body (GB) Meeting concluded at 8.30 PM, with a vote of thanks offered by Prof. (Dr.) Latika Mohan, President ASSOPI. In her closing remarks, she emphasized that ASSOPI is a dynamic and scientifically ethical organization. Prof. Mohan expressed her appreciation for the successful organization of the conference at KGMU Lucknow by Dr. Narsingh Verma, the Organizing Chairperson. Furthermore, Professor Mohan conveyed the heartfelt gratitude from the whole physiology community to Dr. G. K. Pal for his unwavering dedication to ASSOPI, despite his demanding role as the Executive Director of AIIMS Patna. She also thanked all the members for their collaborative spirit and their commitment to advancing ASSOPI's mission and vision.

Sd/-
Dr. G. K. Pal,
General Secretary, ASSOPI.

Upcoming Events:

1. 10th ASSOPICON

The 10th International Annual Conference of ASSOPI in collaboration with 10th Congress of Federation of Indian Physiological Societies (FIPS-ASSOPICON 2024) will be organized from **21st to 26th October, 2024**, by Department of Physiology, All India Institute of Medical Sciences (AIIMS) Patna under the leadership of Dr. G. K. Pal, General Secretary of ASSOPI and Executive Director & CEO, AIIMS Patna as the Chief Patron and Dr. Tribhuvan Kumar, Professor & Head of Physiology as the Organizing Chairman.

For details of conference and updates of the programme, please log on to official website of the conference: <https://fipsassopicon2024.co.in/>. The conference brochure with details of the programme is attached at the end of the News Bulletin.

For all the queries, contact:

FIPS-ASSOPICON Secretariat
Dept. of Physiology, AIIMS Patna
Mobile: 74797 33436; 80193 32484

IJCEP is now ASSOPI Journal:

As it was already decided in the last GBM of ASSOPI, the '**International Journal of Clinical and Experimental Physiology**' (IJCEP), which is published by Dr. G. K. Pal as Editor-in-Chief has been made the Official Journal of ASSOPI. The authority and proprietary of the journal were transferred to the association by transferring Rs. 10 lakhs to Dr. Mueen Ahmed, the erstwhile proprietor of IJCEP. It was also decided that Dr. G. K. Pal will be the regular Executive Editor of IJCEP and the person for the post of Editor-in-Chief will change every three years as nominated/elected in the GBM of ASSOPI as per ASSOPI bylaws.

Currently, after payment of Rs. 10 lakhs and completion of other formalities, International Journal of Clinical and Experimental Physiology has now become the Official Organ of ASSOPI. Presently, the journal is being published from the office of the General Secretary (Dr. G. K. Pal, Office of Executive Director & CEO, AIIMS Patna). There is no change in the IJCEP domain, the website address and other details of the contents.

The **ASSOPI members are requested to submit their articles** (original research articles/review articles/case reports/short communications/letters to editor/news and views/guest editorials) to IJCEP.

Please visit the website of IJCEP (<https://www.ijcep.org/index.php/ijcep>) for the details of preparation, submission of manuscript and author guidelines.

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News & Views

Europe Greenlights Its First mRNA Vaccine for RSV:

The European Medicines Agency (EMA) Committee for Medicinal Products for Human Use (CHMP) has recommended marketing authorization for the mRNA RSV vaccine mRESVIA (mRNA-1345) to protect adults aged 60 and older from lower respiratory tract disease caused by respiratory syncytial virus (RSV).

RSV is a highly contagious seasonal virus that typically causes mild, cold-like symptoms but can be serious in older adults, leading to lower respiratory tract infections and pneumonia. mRESVIA (Moderna Biotech) is an mRNA vaccine encoding a stabilized prefusion F glycoprotein, a crucial target for neutralizing antibodies conserved across RSV-A and RSV-B subtypes. The CHMP's recommendation is based on a phase 2/3 study showing the vaccine's effectiveness in older adults.

This is the first mRNA vaccine targeting a pathogen other than SARS-CoV-2 to receive a positive opinion from the CHMP. The final decision will be made by the European Commission.

Yoga's Positive Impact on Heart Failure Symptoms:

A recent study presented at Heart Failure 2024, a scientific meeting hosted by the European Society of Cardiology (ESC), revealed that yoga focused on breathing, meditation, and relaxation can markedly enhance symptoms in individuals with heart failure. The study involved 85 patients aged 30 to 70 years with heart failure, recruited from the cardiology outpatient department of Kasturba Hospital in Manipal, India. All participants had undergone a cardiac procedure within the past six months to one year and were receiving standard heart failure medications as per guidelines. Patients with severe symptoms were excluded from the study. In a non-randomized allocation, 40 patients were assigned to the yoga group, while 45 were placed in the control group. Both groups continued their prescribed medications throughout the study. The yoga sessions were conducted by experienced faculty from the hospital's Department of Yoga. Participants learned pranayama (yogic breathwork), meditation, and relaxation techniques. Following a week of supervised sessions, they were instructed to continue practicing these exercises at home, spending 50 minutes per session once a week, while maintaining regular contact with an instructor to track their progress. Researchers utilized echocardiography to evaluate heart structure and function at baseline, six months, and one year. Key metrics included left ventricular ejection fraction (a measure of the heart's pumping ability), right ventricular function, blood pressure, heart rate, body weight, and body mass index. Symptom severity and the ability to perform daily activities were assessed using the New York Heart Association classification system. The findings indicated that the yoga group demonstrated significantly greater improvements across all measures compared to the control group at both six months and one year relative to baseline. These results suggest that yoga could serve as an effective adjunctive therapy for managing symptoms of heart failure.

Join ASSOPI

Membership Form

Any person having a bachelor or postgraduate degree in Physiology or allied sciences can become a member of ASSOPI. Students pursuing PG course in Physiology or allied subjects are also eligible to become ASSOPI members.

Membership Fee:

Life Membership – Rs. 3000/- (Rupees three thousand only)

Annual Membership – Rs. 500/- (Rupees five hundred only)

NAME (in CAPS):

Date of Birth:

Educational Qualification:

Present Designation and Institute:

Field of Interest:

Address for communication:

PIN code:

E-mail:

Mobile:

Name of the Bank & Branch, and the amount paid:

Transaction ID:

Transaction Date:

Application can be filled and submitted online in ASSOPI website: www.assopi.co.in.

For new membership, the registration will be only by **online transfer of money to ASSOPI Account directly.**

For the purpose, the General Secretary (gsassopi@gmail.com) or Office Secretary to General Secretary (renu231994@gmail.com) may be contacted through his/her e-mail ID.

For further details contact:

Dr. Gopal Krushna Pal,

General Secretary, ASSOPI, and

Executive Director and CEO,

AIIMS Patna & AIIMS Gorakhpur.

Email: gsassopi@gmail.com



10th Congress of Federation of Indian Physiological Societies (FIPS) AND 10th International Conference of Association of Physiologists of India (ASSOPI)

An International Physiology Conference with the Theme of
**Clinical and Interventional Physiology :
Current & Future Scopes in Indian Scenario**

October 21st to 26th 2024

Organized by
Department of Physiology, AIIMS Patna
With ASSOPI, Bihar Chapter as Co-host

KEY FEATURES OF THE CONFERENCE: THE FRONTIERS TO BE UNVEILED

1. Expanding horizons of Physiology: Strategies, Challenges and Impact of DM Course in Clinical and Interventional Physiology
2. Revolutionizing Medical Education in Physiology: Physiologists involvement in the implementation of the new Curriculum (CBME, Early Clinical Exposure) in Physiology syllabus.
3. Role of Physiologists in Shaping up National Policies: Promoting Leadership Skill Development among Medical Physiologists.
4. Research Frontiers in Physiology: Advancements, Innovations & Translational Applications
5. Animal Disease Models of Pre-clinical Research: Utilizing the past contributions to Explore the present and future Experimental Medicine.
6. The path of Legendary Physiologists: Experiences of the Living Icons.

Website: fipsassopicon2024.co.in
Email: fipsassopicon@gmail.com
Link: <https://fipsassopicon2024.co.in>



Contact: FIPS-ASSOPICON Secretariat
Department of Physiology, AIIMS Patna
Email: info@fipsassopicon2024.co.in
Phone no.: +91-7479733436/8019332484

SCIENTIFIC PROGRAM AT A GLANCE

10 Workshops, 2 CMEs, 20+ Symposia, 5 KNA, 12+ Plenary Lectures, 15+ Lead Talks, 3 Panel Discussions & many more

21st October 2024 (Monday) *(Two parallel sessions each in forenoon and afternoon)*

9:00 am to 1:00 pm	1. Interventional Physiology: Deep Brain Stimulation (DBS), Vagal Nerve Stimulation (VNS) & Bio-feedback
	2. Clinical EEG -Recording and Interpretation
2:00 pm to 6:00 pm	3. Classic (Conventional) Autonomic Function Tests & HRV
	4. Electro-Neuro-Myography (NCS & EMG) Assessment and Reporting

22nd October 2024 (Tuesday) *(Two parallel sessions each in forenoon and afternoon)*

9:00 am to 1:00 pm	1. Intra Operative Neuromonitoring (IONM)
	2. Yoga as Therapeutic Modality
2:00 pm to 6:00 pm	3. Cardiovascular Fitness Assessment
	4. Polysomnography-Recording & Interpretation

23rd October 2024 (Wednesday) *(Two parallel sessions each in forenoon and afternoon)*

9:00 am to 1:00 pm	1. How to Publish Research Article in PubMed Indexed Journal <i>(Will be conducted by the Editors of the reputed Journals)</i>
	2. Male Infertility Assessment and Reporting
2:00 pm to 6:00 pm	3. Proposal Writing for Grant Project (Extramural Funding) <i>(Will be Conducted by Experts from DST- DBT & ICMR)</i>
	4. Role of Animal Experiments in Research

24th – 26th October 2024 (Thursday to Saturday)

9:00 am to 5:00 pm	1. 5 Key Note Address (KNA)
	2. 4 Orations
	3. 20+ Symposia
	4. 3 Panel Discussions
	5. 12+ Plenary Lectures
	6. 15+ Lead Talks
	7. Award Paper Competitions
	8. Free Paper Presentations and Poster Presentations



Organizing Committee



Chief Patron



Prof. (Dr.) Gopal Krushna Pal
Executive Director & CEO
AIIMS Patna & AIIMS Gorakhpur

Patron



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*Dean Academics
& Dean Research*
AIIMS Patna

Patron



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*Medical Superintendent
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Dr. Punam Prasad Bhadani
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Federation of Indian Physiological Societies (FIPS)

Constituent Societies



1. The Association of Physiologists and Pharmacologists of India (APPI)
2. Physiological Society of India (PSI)
3. Indian Society for Comparative Animal Physiology (ISCAP)
4. Society for Animal Physiologists of India (SAPI)
5. Association of Physiologists of India (ASSOPI)

Executive committee



Dr. Shashi B. Singh
Former Director
NIPER Hyderabad
(President)



Prof. (Dr.) G. K. Pal
Executive Director & CEO
AIIMS Patna &
AIIMS Gorakhpur
(Vice President)



Prof. Amar K. Chandra
Professor
Calcutta University
(General Secretary)



Dr. A. K. Dang
Principal Scientist
NDRI, Haryana
(Treasurer)



Dr. W. Selvamurthy
Former Chief Controller
DRDO
(Immediate Past President)

Executive Members



Prof. V. Mohan Kumar
APPI



Prof. B. S. Prakash
SAPI



Prof. K. K. Deepak
APPI



Dr. Usha Panjawani
PSI



Dr. (Prof. Retd) K. S. Reddy
ISCAP

Notes:-

1. The constituent society can organize some scientific events in the forenoon of 25th October, 2024. The Nodal Officer from each society to be identified and will interact with the Conference Secretariat for the schedule of the program in advance
2. The Executive Committee Meeting and the General Body Meeting of FIPS will be held on 23rd October, 2024 evening and 24th October, 2024 evening respectively. The exact time and venue at the conference will be notified in due course of time.



Association of Physiologists of India (ASSOPI)

Central Office Bearers

President: Dr. Latika Mohan, Professor & Head of Physiology, AIIMS Rishikesh, Uttarakhand
General Secretary: Dr. Gopal Krushna Pal, Executive Director & CEO, AIIMS Patna & AIIMS Gorakhpur
Founder President: Dr. Shripad B. Deshpande, Professor of Physiology, Nobel Medical College & Teaching Hospital, Kanchanbari, Biratnagar, Nepal
Immediate Past President: Dr. Narsingh Verma, Professor of Physiology, King George's Medical University, Lucknow
Vice-Presidents: (arranged alphabetically)
East Zone: Dr. Dinesh Kumar, Principal, Govt. Medical College, Bettiah, Bihar
West Zone: Dr. Hasmukh Shah, Professor of Physiology, Pramukhswami Medical College, Karamsad, Gujarat
South Zone: Dr. Pravati Pal, Professor (Level-15) of Physiology, JIPMER, Puducherry
North Zone: Dr. Raj Kumar Yadav, Professor of Physiology, AIIMS New Delhi
Finance Secretary: Dr. S. Velkumary, Professor of Physiology, JIPMER, Puducherry
Editor-in-Chief: Dr. Nitin Ashok John, Professor & Head of Physiology & Dean (Exam), AIIMS Bibinagar, Telangana
Joint Secretaries:
East Zone: Dr. Rituparna Barooah, Professor & Head of Physiology, NEIGRIHMS
West Zone: Dr. Mrunal Phatak, Professor & Head of Physiology, AIIMS Nagpur
South Zone: Dr. Satish Dipankar, Additional Professor of Physiology, AIIMS Mangalagiri
North Zone: Dr. Sabita Yograj, Professor & Head of Physiology, GMC, Kathua

Central Executive Body Members

Dr. Ajay Bhatt, Professor & Head of Physiology, M. G. M. Medical College, Indore (M.P.)
Dr. Anandhalakshmi S., Professor & Head of Physiology, AIIMS Madurai, Tamilnadu
Dr. Anil Warkar, Professor & Head of Physiology, IGM, Nagpur, Maharashtra
Dr. Charushila Rukadikar, Assistant Professor of Physiology, AIIMS, Gorakhpur, U.P.
Dr. Ekta Khandelwal, Additional Professor of Physiology, AIIMS Raipur, Chhattisgarh
Dr. Jolly Bhattacharjya, Associate Professor of Physiology, Gauhati Medical College, Assam
Dr. Kaviraja Udupa, Professor of Neurophysiology, NIMHANS, Bengaluru, Karnataka
Dr. Manjinder Kaur, Additional Principal, Prof & Head of Physiology, Geetanjali Medical College and Hospital, Udaipur, Rajasthan
Dr. Padmaja Hari, Professor of Physiology, MES Medical College, Perinthalmanna, Kerala
Dr. Prafull Kamble, Associate Professor of Physiology, AIIMS Bibinagar, Hyderabad, Telangana
Dr. Prasunpriya Nayak, Professor of Physiology, AIIMS Jodhpur, Rajasthan
Dr. Rajay Bharshankar, Professor of Physiology, AIIMS Bhopal, Madhya Pradesh
Dr. Rajeev Sharma, Dean, Professor & Head of Physiology, Guru Gobind Singh Medical College & Hospital, Faridkot, Punjab.
Dr. Rupali Keshavrao Parlewar, Professor & Head of Physiology, AIIMS Bilaspur, Himachal Pradesh
Dr. Sandip Sardesai, Professor of Physiology, Goa Medical College, Goa
Dr. Sudhanshu Agrawal, Professor & Head of Physiology, NCRIMS, Meerut, Uttar Pradesh
Dr. Tribhuwan Kumar, Professor & Head of Physiology, AIIMS Patna, Bihar
Dr. K. C. Thirupathy, Dean cum Special Officer, Government Medical College, Chidambaram (Cuddalore District), Tamil Nadu.
Dr. Y. Dhanalakshmi, Head Quarter Office Secretary (ASSOPI), Professor of Physiology, JIPMER
Dr. M. Renugasundari & Dr. Manjulata, Office Secretaries to General Secretary, ASSOPI

Note: The time and date of the Executive Body and General Body meetings of ASSOPI will be declared in due course of time.



अखिल भारतीय आयुर्विज्ञान संस्थान पटना ALL INDIA INSTITUTE OF MEDICAL SCIENCES PATNA



About AIIMS Patna !

AIIMS Patna, situated in the capital city of Bihar, is a leading medical institute in the country committed to deliver outstanding healthcare services and advancing medical research. Established in 2012 as the first among the six new AIIMS with the goal of becoming a center of excellence in Medical Education and Patient Care. AIIMS Patna consistently strives for excellence in its pursuits of the best in Academics, Patient Management, Teaching & Training, Campus, Faculty & Student Developments and Administration of International Standards. The Institute is dedicated to serve even the most underserved individuals with cutting-edge, in-house facilities.

Under the insightful and astute leadership of the **Hon'ble Executive Director & CEO, Dr. Gopal Krushna Pal**, AIIMS Patna has earned global recognitions. In 2023, it was acknowledged as one of the world's best hospitals in India by Newsweek-Statista, an independent analysis by a global agency of USA. Furthermore, AIIMS Patna secured the 27th position in the medical category among the top 50 medical institutes in the **NIRF Rankings of 2023**, conducted by the Ministry of Education, Government of India.

Additionally, AIIMS Patna proudly holds the title of **1st Position among all the hospitals** in the country for generating ABHA Health Records of Ayushman Bharat Digital Mission (ABDM) scheme. AIIMS Patna is rated as the **10th best Medical University** in the country by the India Today ranking, 2023.

AIIMS Patna has won **National Kayakalp Award** of Govt. of India, 2024, **20th position in Readers Digest Ranking** of medical colleges in 2024, and **1st position as the emerging medical institute** in India Today Ranking 2024. Also, AIIMS Patna has secured one among the hundred **Best Hospitals in the World** in News-Week analysis of USA, 2024.

AIIMS Patna has been selected for **Atal Incubation Center** under Atal Innovation Mission of the Ministry of Science and Technology, Govt. of India. Further the Department of Health Research of ICMR (DHR-ICMR project) has selected AIIMS Patna for the '**DIAMOnDS**' project & **NIDAN** project. The faculty members of the Institute received more than 30 crores of extramural funding in last one year, one of the highest figure among all the new AIIMS.



Department of Physiology, AIIMS Patna !

The Department of Physiology at AIIMS Patna, under the able leadership of the visionary Executive Director, Prof. G. K. Pal has reached newer heights and has redefined education and training in the field of physiology and established a new role of physiologists in the society by starting DM course in Clinical and Interventional Physiology, a first of its kind of course in the global arena. The department houses more than 12 clinical patient care as well research labs in the department catering more than 5-7 thousands of patients every year. There are 14 teaching faculties, 8 Senior Residents /year and 7 MD Residents/year. The department provides patient care services in Yoga Therapy, Student Counselling and patient investigations for infertility treatment, tSleep Disorders, Neurodiagnostic Services such as EEG, EMG, IONM and Evoked Potentials, Autonomic Function investigations such as CAFT & HRV, Cardiovascular Investigations such as Echocardiography, Colour Doppler, Treadmill, Tilt Table, Cardiac Output Monitoring, Blood Pressure Variability including Baroreflex Sensitivity. The department has established its standing as one of the best in the country in providing teaching, training, research investigations and patient services of highest order of global standards. Physiology Department plays pivotal role in the Experimental Medicine Research as part of Central Animal Research Facility.



Greetings from FIPS-ASSOPICON 2024 organizing team!

The current state of Clinical and Interventional Physiology in India represents a dynamic synthesis of traditional medical practices and rapid technological advancements. The escalating focus on personalized medicine has given rise to a proliferation of cutting-edge diagnostic tools and interventional methodologies, ranging from non-invasive monitoring systems to sophisticated procedures. This burgeoning landscape is marked by collaborative research endeavors involving healthcare professionals, researchers, and technology experts, fostering a comprehensive approach to patient care. Looking ahead, the future horizon for Clinical and Interventional Physiology in India is exceptionally promising. The imminent integration of Artificial Intelligence, Genomics, and Precision Medicine is set to revolutionize diagnostic procedures and treatment methodologies. As the healthcare landscape evolves, there is a growing recognition of the imperative for interdisciplinary collaboration to fully harness the potential of physiological sciences.

The ASSOPI Bihar Chapter, the most recently established branch of ASSOPI, is co-hosting the event with full vigour and enthusiasm along with the Department of Physiology, AIIMS Patna. ASSOPI-Bihar Chapter thrives to establish physiology as a clinically established branch of medicine in this part of the nation and aims to extend the clinical services to the most deprived segment of the society.

The Chief Patron, Executive Director & CEO of the Institute, Dr. G. K. Pal takes pleasure in joining the team of Department of Physiology along with ASSOPI-Bihar Chapter in earnestly welcoming to the mega academic feast of FIPS-ASSOPICON 2024 to ponder upon the opportunities and challenges of Clinical and Interventional Physiology.

Major Activities at a Glance

Workshops & CMEs

1. Interventional Physiology : DBS, VNS & Bio-Feedback
2. Clinical EEG - Recording & Interpretation
3. Classic (Conventional) Autonomic Function Tests & HRV
4. Electro- Neuro- Myography Assessment and Reporting
5. Intra Operative Neuro Monitoring (IONM)
6. Yoga as Therapeutic Modality
7. Cardiovascular Fitness Assessment
8. Polysomnography: Recording and Interpretation
9. How to publish Research Article in a Pubmed indexed Journal (*the experts and senior editors of reputed journals will organize the workshop*)
10. Male infertility Assessment and Reporting
11. Proposal writing for Grant Project (Extramural Funding) (*The experts from ICMR, DBT, DST will be part of workshop resource persons*)
12. Role of Animal Experiments in Research

Plenary Lectures

Proposals for Plenary Lectures will be invited from eligible Researchers, Academicians, Clinicians under various themes of the conference

Poster Presentations

Compose a concise abstract outlining the poster's purpose, methods, key findings, and significance. Limit length to meet conference specifications, maintaining clarity. Highlight the research's innovation and relevance, enticing attendees to explore the full poster for a comprehensive understanding of the study's contributions and implications.

Key Note Address

Every day two Key Note Addresses (one each of FIPS and ASSOPI) will be delivered by Academicians/ Researchers of high repute, invited by the Organising Team.

Orations

Everyday two orations (one each of FIPS & ASSOPI) will be delivered by Academicians of high repute, invited by the Organizing Team

Symposia

Symposia will be invited from the experts of their respective fields under various symposia themes including Neurophysiology, Cardiovascular Physiology, Sleep, Medical Education, Recent Advances etc. Further, there will be 2 special symposia, one each sponsored by
(i) Indian Academy of Biomedical Sciences (IABS)
(ii) South Asian Association of Physiologists (SAAP)

Panel Discussion

Dynamic panel discussions engage diverse perspectives, guided by a skilled moderator. Relevant topics, interactive audience participation, and concise summarization define the prime activities, fostering enriched conference experiences.

Free Paper Presentations

The delegates interested in oral or Poster presentations are expected to submit their high quality original research abstracts for presentations during the conference. A robust scientific committee will ensure selection of only good quality abstracts for presentations during the conference. Awards will be given in different categories for the oral or poster presentations

Legendary Physiologists Lectures

Special Lectures from internationally acclaimed legendary physiologists in the field of Medicine and Physiology will be one of the notable attractions, for which the sincere efforts are being made. Details will be shared soon.

Eligibilities for various nominations and invitations

Symposia Invitations / Nominations

Symposia are invited from the experts of their respective fields preferably under following broad themes:

- ☒ Advances in Cardiac Physiology
- ☒ Novel Approaches in Autonomic Function Testing
- ☒ Hypertension Management Mechanic aspects from a physiologist view points
- ☒ Neurophysiology Monitoring: Current Updates
- ☒ Biomarkers in Cardiovascular Disease
- ☒ Clinical Applications of Exercise Physiology
- ☒ Innovations in Hemodynamic Monitoring - fNIRS and BRS
- ☒ Current Trends in Renal Physiology Research
- ☒ Interventional Physiology in Diabetic Management
- ☒ Physiological Basis of Sleep Disorders
- ☒ Endocrine Dysfunction: Recent updates
- ☒ Impact of Obesity on Metabolic Physiology
- ☒ Advances in Pediatric Physiological Assessment
- ☒ Integrative Physiology Approaches to Pain Management
- ☒ Neurophysiology in Clinical Practice: From Brain Imaging to Interventional Neurology
- ☒ Physiological Basis for Healthy Aging for achieving it.
- ☒ Gastrointestinal Physiology and Interventional Gastroenterology: Current Trends and Future Directions
- ☒ Precision Medicine: The personalized approach to diagnosis and treatment
- ☒ Reproductive Physiology: From Fertility Enhancement to Assisted Reproductive Technologies
- ☒ Environmental Physiology: Adaptations and Interventions in Extreme Conditions
- ☒ Any other symposia topic proposed by expert groups.

Eligibility:

- The faculty/expert proposing symposia are expected to have sufficient academic and research experience in the proposed field.
- He/she (leader/proposer of symposium) should have at least 5 PubMed publications in the related field and each speaker of the symposium should have atleast 2 PubMed publications.

Free Paper and Poster Invitation

The delegate interested in the oral/ poster presentations are expected to submit their high quality original research abstracts for presentation during the conference. A scientific committee to scrutinize the abstract will ensure selection of only good quality abstract for presentation during the conference. Few best free paper and poster awards will be given to the oral poster presentations in different categories during the conference.

Eligibility:

1. Only original articles which has not been published any where in any form, may be submitted.
2. A 250 word formatted abstract is to be submitted which should have headings including:
 - a. Background and Objectives
 - b. Methods
 - c. Result
 - d. Conclusion
 - e. Key-words (4-5)
3. After acceptance of the abstract under oral/ poster category, the researcher will be expected to present the same during the conference in the prescribed format.
4. In case of a thesis abstract, an endorsement from their respective guide and head of the department will be compulsory in absence of which the entry may be rejected.

Note: All the proposal for various activities must be submitted on/or before the last day of submission (31st August, 2024)



Guidelines

Guidelines for Keynote Address:

1. The keynote speaker must have outstanding expertise and stature in the field related to the conference theme. They should have a home recognition as a leader, pioneer or authority on area of the keynote speech.
 2. The speaker's expertise and topic should be highly relevant to the subject matter and audience of the conference.
 3. The speaker should be well-known enough to attract interest, attendees and attention to the conference.
 4. The speaker needs to be available to deliver the keynote live at the date, time and location of the conference.
- Though the keynote speaker will preferably be nominated by the organizing team, proposal for keynote address is also welcome. In case of a proposed keynote address, the speaker must register herself/himself.

Guidelines for proposing Symposia:

1. The symposium topic should align clearly with the scope & theme of the conference and make a strong case for its importance and timeliness.
2. State the overall goals of the symposium and expected outcomes. What issue will it address?
3. Provide a detailed agenda and schedule. Allowed duration: 1 hour and 30 minutes (Q&A: 10 mins), No. of speakers: 4-5.
4. The symposia leader will provide the list of 03 speaker identified and provide their qualifications & expertise (publications, awards & research grants). Speakers from different institute for the same topic are given preference.
5. Describe the target audience and explain how the symposium will be relevant and interesting for them.
6. Provide estimated costs and plans for covering expenses such as speaker travel, A / V needs, etc. It is the responsibility of the symposia leader to arrange the travel expenses and symposia logistics.
7. All the speakers of symposia must register for the conference.
8. Outline the plans to promote the symposium through the conference website, email lists, social media, etc. to attract attendees.
9. The faculty/expert proposing symposia are expected to have sufficient academic and research experience in the proposed field.
10. He/she (leader/ proposer of symposium) should have at least 5 PubMed publications in the related field and each speaker of the symposium should have atleast 2 PubMed publications.

Guidelines of Panel Discussions:

Thorough preparation, a skilled moderator, and diverse perspectives enhance discussion. Structured opening, audience interaction, and effective time management are crucial. Use visual aids judiciously, stay relevant, and handle controversy diplomatically. Conclude with a concise summary. Flexibility is key for a dynamic and successful panel.

Guidelines for proposing Plenary Lecture:

1. The speaker should be a recognized leader in their field with significant accomplishments, expertise, and name reputation.
2. The speaker should have atleast 10 PubMed publications and few important awards in the same field of work.
3. The speaker's area of expertise should directly relate to the conference theme and topics. Their presentation should align with the goals and audiences of the event.
4. The plenary speaker should be able to provide new insights, cutting-edge research, future visions or challenging perspectives that stimulate thought and discussion.
5. All the speakers of plenary lecture must register for the conference.
6. The CV of the speaker must accompany the proposal for the plenary lecture.

Guidelines for Lead talk:

The proposal submission should have following components:

1. An abstract in 500 words with brief outline of the content of the proposed talk.
2. A brief CV of the expert (1-2 page) including his affiliation details.
3. The speaker should have atleast 10 PubMed publications and few important awards in the same field of work.

Guidelines for Free Paper / Poster Presentation:

1. The research or ideas presented in the abstract should be novel and make a new contribution. The work should not have been published elsewhere already. (The work must not have been previously published elsewhere)
2. The abstract should be highly relevant to the theme and topics of the conference. It should fall within the scope and focus of the event.
3. The abstract should highlight the significance and potential impact of the work.
4. The background and objective of the abstract should include sound methodology, results and a logical conclusion.
5. Abstracts should be one and half - spaced, using 12-point Times New Roman font.
6. Abstracts must not exceed 250 words, excluding the title, keywords, and references.
7. Affiliations should be indicated by superscript Arabic numbers at the end of the surname.
8. All co-authors must be listed and have reviewed the abstract.
9. The abstract must be submitted on or before 31st August 2024 to be considered for acceptance.
10. Posters are not E-poster. They are physical poster and one sided. The details of the preparation for poster will be subsequently updated in the website.
11. The delegates desiring to make a free paper/poster presentation must have registered for the conference. The abstract for free paper/poster presentation should accompany the registered number of conference.

Note: The last date of proposal submission for free paper/poster presentation is 31st August, 2024.

Registration details

	Category	ASSOPI Member	Non - Member
Early Bird Registration before (15 th May 2024) <i>Early bird registration ends automatically on 15-05-2024</i>	National Delegates	6000 INR	8000 INR
	Residents/PG/PhD Scholar	3000 INR	5000 INR
	Undergraduate students	2000 INR	3000 INR
	Accompanying person	4000 INR	4000 INR
	Foreign delegates	150 USD	175 USD
	Workshop registration (each)	1000 INR	1500 INR
	CME	500 INR	700 INR
Regular Registration from (16 th May to 31 st August, 2024) <i>Regular registration ends automatically in the website on 31-08-2024</i>	National Delegates	8000 INR	10000 INR
	Residents/PG/PhD Scholar	4000 INR	5000 INR
	Undergraduate students	2500 INR	3500 INR
	Accompanying person	5000 INR	5000 INR
	Foreign delegates	200 USD	225 USD
	Workshop registration (each)	1500 INR	2000 INR
	CME	600	750 INR
Late Registration 1 st September to 15 th October 2024	National Delegates	10000 INR	12000 INR
	Residents/PG/PhD Scholar	5000 INR	6000 INR
	Undergraduate students	3500 INR	4000 INR
	Accompanying person	6000 INR	6000 INR
	Foreign delegates	NA	NA
	Workshop registration (each)	2000 INR	2000 INR
	CME	750 INR	800 INR
Very Late & On Spot Registration (No Workshop Registration)	National Delegates	12000 INR	15000 INR
	Residents/PG/PhD Scholar	5500 INR	6500 INR
	Undergraduate students	4000 INR	4500 INR
	Accompanying person	6000 INR	6000 INR
	Foreign delegates	NA	NA
	CME	800 INR	1000 INR

- ◆ For attending the workshops, the conference registration is mandatory.
- ◆ Student delegates need to submit a Bonafide certificate from his/her guide endorsed by HOD
- ◆ The benefits of registration include conference/workshop kit, breakfast, lunch, tea / snacks during the conference and Gala Dinner/ Banquet.

NB: (i) Accommodation and transportation will not be included in the conference/workshop registration.

(ii) Refunds of conference registration fee may be considered upon production of valid reasons upto a limited amount and time. For refund details, please visit website.

For further assistance and query, please contact

Conference Secretariat

Department of Physiology, AIIMS Patna

Email: fipsassopicon2024@gmail.com

Website: fipsassopicon2024.co.in

Mobile: +91- 7479733436 (Dr. Kamlesh Jha)

Mobile: +91- 8019332484 (Dr. Ganashree C P)

In & Around Patna!

Bihar School of Yoga, Munger (182 Km)

Situated at the bank of river Ganga in Munger district of Bihar the Bihar School of Yoga is a modern school of yoga founded and developed by Sri Swami Satyananda Saraswati in Munger, Bihar known across the globe as School for Satyananda Yoga tradition, also received prime ministers award for excellence recently.



Patna Sahib Gurudwara (20 Km)

Patna Sahib Gurudwara, also known as Takht Sri Harmandir Sahib, is a significant Sikh pilgrimage site in Patna, Bihar. Located about 20 km northeast of AIIMS Patna, it holds great religious importance as it is believed to be the birthplace of Guru Gobind Singh, the 10th Sikh Guru.



Kumhrar Park (18 Km)

This is an archaeological site showcasing the remains of the Mauryan city of Pataliputra. Notably, the foundations of a pillared assembly hall, known as the "Halls of Thousand Pillars," This site offers a fascinating glimpse into the historical significance of Pataliputra, the capital of the Maurya Empire.



Bodhgaya (121.8 Km)

Bodhi Gaya located in the Indian state of Bihar, is a sacred pilgrimage site for Buddhists worldwide. It is renowned as the place where Siddhartha Gautama, the Buddha, attained enlightenment under the Bodhi tree. The Mahabodhi Temple, a UNESCO World Heritage site, stands at the heart of the complex, showcasing intricate carvings and architecture. Pilgrims from diverse cultures visit to meditate and pay homage to the spiritual significance of Bodhi Gaya. The serene ambience and historical importance make it a revered destination in the Buddhist tradition.



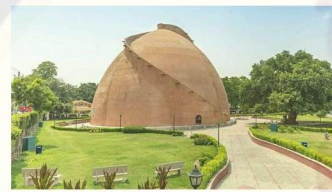
Nalanda Ruins (90 Km)

Nalanda Ruins, a UNESCO World Heritage site, lie about 90 km southeast of AIIMS Patna. Once the seat of Nalanda University, these ancient remnants bear witness to the region's profound intellectual and cultural history.



Golghar (17 Km)

Constructed in 1786, Golghar in Patna, Bihar, is a distinctive beehive-shaped historical granary standing at 29 meters tall. Originally built to address famine concerns, it now offers visitors the opportunity to climb to the top and enjoy panoramic views of the city.



Ganga Aarti (14 Km)

The Evening Ganga Aarti at Gandhi ghat of Ganga river front attracts hundreds of people every day. The aarti takes place at around 6-6:30 pm daily, but the timings might vary. It is a beautiful sight.



Rajgir (110 Km)

Rajgir, in Bihar's Nalanda district, is a historic city and former capital of Magadh Mahajanapada. Revered in Buddhism, it features hot springs, ancient ruins, and the Gridhakuta Hill, besides modern marvel the Vulture's Peak Glass Bridge, peace pagoda and rope-way.



Bihar Museum (10 Km)

Bihar Museum in Patna displays Bihar's cultural heritage with artifacts, using modern design and interactive exhibits to bridge ancient and contemporary history.



Ganga Cruise (8 Km)

A panoramic view of Ganga ghats amid the sound of the river through cruise is a unique experience any visitor to Patna wish to experience once in his lifetime.



Jal mandir- Pawapuri (110 Km)

It is a holy site for Jains located in the Nalanda district of Bihar located about 19 km from Rajgir/ Nalanda ruins. Pawapuri is the place of Mahavira's nirvana and a pilgrimage site for Jains.



Vaishali Stupa (60 Km)

The Vaishali Stupa, located in Vaishali, Bihar, is an ancient Buddhist stupa that marks the spot where Buddha delivered his last sermon. Believed to have been built in the 5th century BCE, it remains a significant pilgrimage site for Buddhists.



Marine Drive (10 Km)

"Marine Drive" in Patna, Bihar, which is a scenic promenade along the Ganges River. It offers a picturesque view of the river and is a popular spot for leisure and recreation.



Buddha smriti Park (10 Km)

Inaugurated by His holiness Dalai lama, the park houses a stupa having the pot with Lord Buddha's ashes. Besides Holi Bodhi tree has been planted using saplings from Bodhgaya and Sri Lanka. Many other relics from various Buddhist countries also housed here.



Gandhi Museum (17 Km)

Bihar has always been associated closely with the name of mahatma Gandhi. At the northern side of Gandhi maidan the museum is situated housing all the precious memories and belongings of Gandhiji. It is one of the must visit place of Patna



Hanuman Temple (9 Km)

Near the Patna railway station, the famous hanuman temple with two idols of lord hanuman, is situated. People from all around Bihar and neighbouring states visit the temple especially on Tuesday for prayers



The revolving Restaurant (10 Km)

This unique revolving restaurant is housed on the top of the Patna's highest building i.e. Biscaman tower. The restaurant gives the 360 degree birds eye view of Patna while dining.



Patan Devi (18 Km)

Patan Devi is one of the 51 shaktipitha known in the Indian mythology and one of the oldest temples of Patna. It is said that the name of the city has been derived from the name of the deity in the temple.



Kanwar Bird Sanctuary (150 Km)

Located in Begusarai district of Bihar and is Asia's largest Freshwater Oxbow Lake. Famous for the Siberian Migrant Birds and declared as the first Ramsar site in Bihar by the Ministry of Environment, Govt. of India.



Agam Kuan (28 Km)

Agam Kuan is an ancient well and archaeological site in Patna, India. It is said to date back to the period of Mauryan emperor, Ashoka. The site is also famous for shitala mata temple and equally old religious place.

