



Fifteenth NABS - National Conference



on Biodiversity Conservation, Innovations in Life Sciences, and Sustainable Technologies for Climate-resilient Agriculture and Animal Sciences



July 27, 28 & 29, 2026



Organized by

Department of Botany & Zoology

Government College of Arts, Science & Commerce, Quepem- Goa
&

National Academy of Biological Sciences (NABS)

NABS-Secretariat, Room No. 209, Second Floor, CAS in Botany,
University of Madras, Guindy Campus, Chennai – 600 025, Tamil Nadu, India

Email-secretarynabs@gmail.com, Mobile : +91-94436 73155

Visit: www.nabsindia.org

A. About the Conference

Agriculture continues to be the backbone of global food security and a key provider of vital ecosystem services. As the world population steadily grows and demands on natural resources intensify, the challenge of producing more food with fewer inputs has never been greater. Climate variability, land degradation, biodiversity loss, and diminishing soil fertility threaten long-term productivity and sustainability across agricultural landscapes.

In this context, transitioning to climate-resilient and environmentally responsible agricultural systems has become an urgent global priority. India, with its rapidly growing population and diverse agroecological regions, plays a central role in shaping the future of sustainable food production. National commitments toward achieving Land Degradation Neutrality (LDN), restoring degraded ecosystems, enhancing water-use efficiency and reducing greenhouse gas emissions underscore the country's dedication to sustainable development.

To meet these goals, innovative approaches rooted in biological sciences, biotechnology and ecological principles are essential. Advances in plant and animal biotechnology, soil microbiome engineering, precision agriculture, nanotechnology-enabled inputs, and genomic tools offer transformative potential for increasing productivity while safeguarding natural resources. Sustainable farming practices, such as regenerative agriculture, integrated nutrient and pest management, agroforestry, polyculture systems, and conservation-based animal husbandry, further contribute to building resilient food systems capable of withstanding climate stress.

However, conservation of biodiversity is crucial to the maintenance of the health of the planet. This can be achieved by establishing protected areas for preserving a variety of species, enforcing sustainable land management, climate management through pollution reduction, and promoting sustainable consumption. These methods are central to agriculture production, ecosystem stability, climate management, and supporting human well-being for present and future generations.

Simultaneously, global targets outlined in the UN Sustainable Development Goals (SDGs)—notably Zero Hunger (SDG 2), Good Health and Well-Being (SDG 3), Responsible Consumption and Production (SDG 12), Climate Action (SDG 13), Life Below Water (SDG 14), and Life on Land (SDG 15) provide a comprehensive framework for integrating environmental stewardship with scientific innovation. Achieving these targets requires collaborative research, technological advancement, policy support, and effective knowledge dissemination.

The 15th NABS National Conference seeks to create a vibrant platform for scientists, educators, policymakers, students, and industry partners to share recent breakthroughs, exchange emerging ideas, and explore collaborative opportunities in the fields of agriculture, animal science, life science, environmental science, and biotechnology. The conference aims to:

- Foster inter/multidisciplinary dialogue on sustainable and climate-smart agricultural strategies.
- Highlight innovations that enhance soil health, plant vigor, animal productivity, and ecosystem resilience.
- Promote biotechnological advancements that support precision breeding, disease resistance, and nutritional enhancement.
- Encourage adoption of green technologies and nature-based solutions to combat climate change.
- Strengthen the scientific community's contribution toward national and global sustainability goals that promote biodiversity conservation.

Through collective efforts and knowledge exchange, the conference aspires to pave new pathways for ensuring long-term food, water, and energy security while preserving ecological integrity. By uniting diverse perspectives and expertise, the 15th NABS National Conference aims to accelerate progress toward a more sustainable, productive, and resilient future for agriculture and allied sciences and simultaneously, explore conservation of biodiversity.

A-1. Conference Sub-themes

Sub-theme-1:

Innovations in Agriculture, Horticulture, and Animal Sciences for Sustainable Production

Sub-theme-2:

Integration of Novel Biomolecules in Agriculture and Life Sciences

Sub-theme-3:

Biodiversity Assessment and Conservation Strategies

Sub-theme-4:

Academy-Industrial Interaction for Sustainable Technologies

Sub-theme-5:

Recent Advances in Biosciences; Drug Discovery; Bio-remediation, and Waste Management

B. Call for Papers for the Conference

(Submission of Abstract) - An abstract of maximum 500 words with five key words.

An abstract should be typed in MS word doc, Times New Roman (font size-12, single line space, title running bold with font size 14). The title of the paper and the details of author/authors should be centrally aligned and the body of abstract should be justified. The abstract should include a brief background of the research area, main focus of the study, major results and a brief discussion and conclusion on the application of the research. The name and Email ID of the presenting author should be underlined, full author details with affiliation address, mobile number and Email ID should be provided. Abstracts will be accepted only on completion of registration.

Oral / Poster Presentation

Authors are requested to indicate their choice for oral/poster presentation. The scientific committee will decide on the suitability of papers for oral paper presentation or poster presentation.

E-Poster should have the extended contents of the abstract with major details of methodology, results, discussion including images and graphs, 2-4 recent and related references. The duration for the e-poster presentation is maximum 5 minutes per participant.

Oral paper presentation for any paper will be given 7 minutes duration with a maximum of ten slides.

C. Registration

The participants are requested to send the filled in registration form to the Organizing Secretary along with the registration fee on or before 01-07-2026. The application form must be accompanied by the endorsement of the Head of Institution / Head of the Department / Research Supervisor for research scholars / students. The Conference registration fee should be paid online to the account of Government College of Arts, Science and Commerce.



C-1. Particulars of Registration Fee to be paid

Category	Registration Fee (INR)
Fellows and Awardees of NABS	1500
Corporate Fellows of NABS	Nil
Corporate Life Members of NABS	2000
Life and Provisional Life Members of NABS	1500
Research Scholars with Fellowship	1000
Research Scholars without Fellowship	750
Faculties and Academicians from Universities/Colleges/ Research Institutes	2000
UG & PG Students	600
Participants from Industries/Private companies/ Exhibition stalls/sponsors	10,000
Accompanying persons along with delegates	1500

C-2. Government College Quepem-Account details

Name of Account : **Government College of Arts Science and Commerce**
 Account Number : **339401000501**
 IFSC Code : **ICIC0003394**
 Branch Code : **3394**
 Name of Bank & address : **ICICI Bank**
35/C, Near Bridge, Biptimol,
Quepem, Goa-403705

D. Important dates to be remembered

10th
June
2026

Submission of Abstract

18th
June
2026

Submission of E-Poster

02nd
July
2026

Last date of Registration

08th
July
2026

**Intimation of Acceptance as
Oral / Poster**

E. Sponsors (Advertisements to be included in the Abstract book)

Platinum

Back outer cover; Colour; Full page
Rs. 1,00,000/-

Diamond

Front inner cover; Colour; Full page
Rs. 75,000/-

Gold

Back inner cover; Colour; Full page
Rs. 50,000/-

Silver

Front inner first page; Colour; Full page.
Rs. 25,000/-

Bronze

Back inner last page; Black & White; Full page
Rs. 15,000/-

G. About the Host Institute

Government College of Arts, Science and Commerce, Quepem, Goa



The Government College of Arts, Science and Commerce, Quepem, began its journey in 1989 with around 100 students. Today, it has approximately 1500 students and over 100 faculty members, offering a wide variety of undergraduate courses in Arts, Humanities, Commerce, and Science. The College also provides postgraduate programs in Mathematics, Konkani and Commerce and has research centres in Konkani and Mathematics.

The College holds a prominent position for academic and co-curricular achievements in the state of Goa. The College is affiliated to Goa University and recognized by the University Grants Commission (UGC), New Delhi, under section 2 (f) and 12 (B) of the UGC Act, 1956. The Principal is the Chief Executive Officer (CEO) of the College.

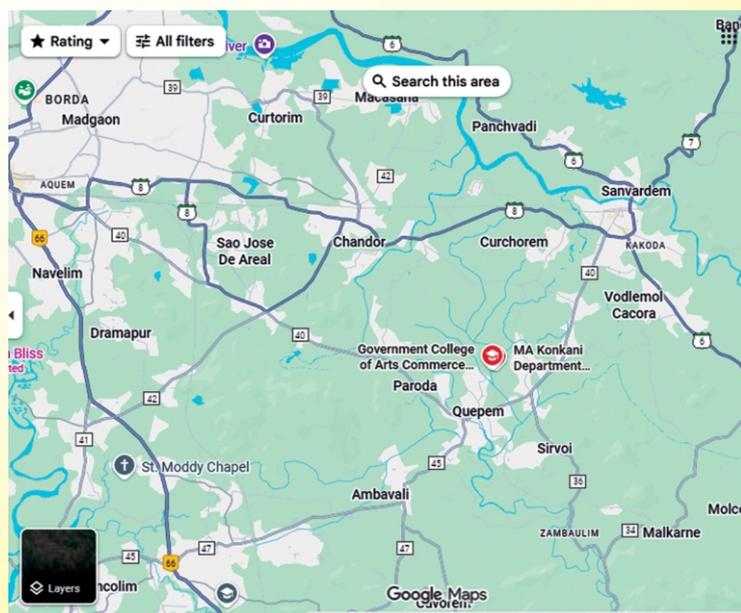
G-1. Reaching the Venue of the Conference

[Government College of Arts, Science and Commerce, Quepem, Goa]

By Flight: Goa has two airports—Manohar International Airport, Mopa (North Goa), and Dabolim Airport, Vasco-da-Gama (South Goa). Dabolim Airport is the most convenient for Quepem, located about 45–50 km away. Prepaid taxis, app-based cabs, and rental cars are available, with a travel time of approximately 1–1.5 hours.

By Train: Madgaon (Margao) Railway Station is the nearest major station, about 15–20 km from Quepem, followed by Curchorem– Sanvordem Station at 8–10 km. Madgaon is well connected to major Indian cities. Taxis, auto-rickshaws, and buses are readily available, and the journey to Quepem takes around 25–35 minutes.

Local Travel: From Quepem town, Government College is easily accessible by local taxis, motorcycle pilots (bike taxis), and town buses. The campus is located on the Quepem–Curchorem road and is well known to local drivers.



https://www.google.com/maps/@15.2260974,74.0730106,16z?entry=tu&g_ep=EgoyMDI2MDEyOC4wKXMDSoKLEwMDC5MjA2OUgBUAM%3D

H. About National Academy of Biological Sciences [NABS]

[Visit: <https://nabsindia.org>]



National Academy of Biological Sciences (NABS) was founded on 31st December, 2004 by (Late) Prof. Dr. S. Kannaiyan, the then Chairman, National Biodiversity Authority, Ministry of Environment and Forests, Government of India, Chennai, Tamil Nadu with a vision to provide a common platform for the biologists to interact with each other for mutual benefit and to further the knowledge on areas of biological sciences.

The Academy was registered as "National Academy of Biological Sciences" under the Tamil Nadu Societies Registration Act 1975 (TN Act 27 of 1975) on 10th March, 2005 at Chennai South, Saidapet, Chennai - 600 015 with Certificate of Registration No. 110/2005.

Membership of Academy & Opportunities available for members of NABS

Scientists can visit the website to get the details about membership and other opportunities available for members.

Fellowship and Awards

Separate applications will be invited from the Life Members /Provisional Life Members for the Fellowship and various other Awards of NABS. All members will be intimated about inviting the applications through e-mail. The Guidelines and Applications will be uploaded on the website of NABS. The awards and Fellowship are purely on merit basis and the marks are allotted based on the Score Cards which will also be available on website for the guidance of members

Name of Awards & Fellowship available for Members

- 1 Fellowship (since 2005)
- 2 Associate Fellowship (since 2009)
- 3 NABS-Best Woman Scientist Award (since 2010)
 - 3.1. *Under Agriculture and Forestry Sciences*
Dr. E. K. Janaki Ammal Memorial NABS-Best Woman Scientist Award
 - 3.2. *Under Basic Sciences*
Dr. Kamala Sohane Memorial NABS-Best Woman Scientist Award
 - 3.3. *Under Veterinary and Fishery Sciences*
Dr. Sakkubhai Ramachandran Memorial NABS-Best Woman Scientist Award
 - 3.4. *Under Food Sciences*
Dr. Asima Chatterjee Memorial NABS-Best Woman Scientist Award
4. NABS-Best Research Paper Awards (since 2012)
 - 4.1. *Under Agriculture and Forestry Sciences*
Prof. G. Rangawami Memorial - NABS Best Research Paper Award
 - 4.2. *Under Basic Sciences*
Prof. T. S. Sadasivan Memorial- NABS Best Research Paper Award
 - 4.3. *Under Veterinary and Fishery Sciences*
Dr. C. M. Singh Memorial - NABS Best Research Paper Award

4.4 *Under Food Sciences*
Dr. V. Subrahmanyam Memorial - NABS Best Research Paper Award

5. Dr. G. N. Ramachandran Memorial NABS-Young Scientist Award (since 2013)

6. Prof. M. S. Swaminathan NABS-Leadership Award (since 2014)

7. NABS-Best Scientist Awards (since 2014)

7.1. *Under Agriculture and Forestry Sciences*
Dr. B. P. Pal Memorial NABS-Best Scientist Award

7.2. *Under Basic Sciences*
Dr. G. S. Venkataraman Memorial NABS-Best Scientist Award

7.3. *Under Veterinary and Fishery Sciences*
Dr. V. S. Alwar Memorial NABS-Best Scientist Award

7.4. *Under Food Sciences*
Dr. Smt. Rajammal P. Devadas Memorial NABS-Best Scientist Award

I. Awards to be conferred on participants during the 15th NABS-National Conference

I-1. Students Awards by NABS during 15th NABS-National Conference

- A separate session will be held during the 15th NABS National Conference to select the best paper presented by M.Sc. & Ph.D. students.

Name of the Awards:

For M.Sc. Students	
Recognized subjects	Name of the Award
Under Agriculture and Forestry Sciences	: Prof. M. S. Swaminathan- M. Sc. Student Award
Under Basic Sciences	: Charles Darwin- M.Sc. Student Award
Under Veterinary and Fishery Sciences	: Dr. Hiralal Chaudhuri- M.Sc. Student Award
Under Food Sciences	: Louis Pasteur - M.Sc. Student Award
For Ph. D. Students	
Under Agriculture and Forestry Sciences	: Noni Ratna Dr. Kirti Singh - Ph.D. Student Award
Under Basic Sciences	: Carl Linnaeus - Ph.D. Student Award
Under Veterinary and Fishery Sciences	: Dr. Verghese Kurien- Ph.D. Student Award
Under Food Sciences	: Dr. Vishweshwaraiah Prakash- Ph.D. Student Award



I-2. Guidelines for submission of research papers by M.Sc. & Ph.D. students

- Students are advised to visit the website of NABS for guidelines to submit papers for competition.
Visit: <https://nabsindia.org>
- Full Papers are to be sent to the Secretary, NABS by e-mail along with a Processing Fee of Rs. 700/- / Rs.1,000/- for M.Sc. and Ph.D. students, respectively.
- The student who presents the best paper will be awarded with a certificate and a Cash Prize of Rs. 4,000/- & Rs. 5,000/-, respectively, for M.Sc. & Ph.D. students.

I-3. Communication pertaining to Students' Awards

Competition papers

Prof. T. Marimuthu

Secretary, National Academy of Biological Sciences

E-mail: secretarynabs@gmail.com

Mobile: 94436 73155 / 84382 63640

Amount of Processing Fee to be sent to account of NABS

For M.Sc. Students

Rs. 700/-

For Ph.D. Students

Rs. 1,000/-

Details for online transfer of Processing Fees

Name of Account	:	National Academy of Biological Sciences
Account Number	:	10496978637
IFSC Code	:	SBIN0006463
Branch Code	:	0006463
Name of Bank & address	:	State Bank of India, Anna University Branch, AU College Campus, Sardar Patel Road, Guindy, Chennai-600 025.

I-4. Best Oral/Poster Presentation Awards for the presenters

Best Oral or Best Poster presentations made during the conference under each theme area will be conferred with a Certificate during the Valedictory Function.

J. Places of Interest

<https://www.tripadvisor.in/Attractions-g297604-Activities-Goa.html>

K. Accommodation- Details of hotels with tariff

There are many hotels located in Margao city at reasonable tariff, however, the rates may vary depending upon availability. Participants are advised to make their own arrangements for accommodation.

S.No.	Name and address of Hotel	Tariff in Rupees	
		Single	Double
1	Hotel Raj Resort Rawanfond Circle, Main Road to Railway Station, Madgaon, Salcete, South Goa- 403 601 Ph. No: 0832-2976650 / M: 90750 2987	2000	2800
2	All Seasons Guest House 1st Floor, Krish Residency, (Opp: Classic Hospital), Madgaon, Goa Mobile: 076207 46299	2000	2500
3	Townhouse Margao Hotel Golden Vista Mohamad Towers Near Bolshe Circle Gogol, Madgaon, Salcete, South Goa- 403 601 Mobile: 012443 30599	1000	1300
4	Goa Woodlands Hotel Miguel Loyola Furtado Road (Opp: City Bus Stand), Madgaon-403 601. Mobile: 083800 86724	3000	3800
5	Cosmique Clarks Inn Suites Near Krishna Temple, Calconda Margao, Salcete Goa- 403601 (Near Madgaon Railway Station) Mobile: 078230 27402	3000	3500
6	Seasons Hotel & Spa Pandit Jawaharlal Nehru Stadium (North stand), Fatorda, Margao goa, Madgaon, Goa- 403 602. Mobile: 91300 31570	2500	2800
7	The Sincro Hotel [next to PWD Office], Fatorda, Madgaon, Goa- 403 602. Mobile:083227 41408	1800	2500
8	Ginger Goa, Madgaon Old Station Road, Near Railway Station, Aquem, Madgaon, Goa- 403 601 Mobile: 083227 29333	4400	5500
9	Hotel Raviraj Classic Navelim Flyover, Near Railway Station, Madgaon, Goa- 403 601 Mobile: 012462 01517	1200	1500
10	Hotel Laxmi Empire (Opp: Margao Railway Station) Rawanfond Road, Madgaon, Goa-403 707. Mobile: 080102 15854	3000	3800
11	Nanutel Margao Padre Miranda Road, (Opp:Club Harmonia), Pajifond, Madgaon, Goa- 403 601. Mobile: 083227 29999	4300	4800

Patrons

Shri. Bhushan K. Savaikar

Director,
Directorate of Higher Education, Government of Goa

Dr. D. J. Bagyaraj

President
National Academy of Biological Sciences

Organizing Committee

Convenors

Dr. Pravina Kerkar

Principal
Government College of Arts, Science and
Commerce, Quepem, Goa

Prof. T.L. Baskaran

Treasurer
National Academy of Biological Sciences,
Chennai

Organizing Secretaries

Prof. Mehtab Bukhari

Professor of Botany
Government College of Arts, Science and
Commerce, Quepem, Goa
Email: mehtabbukhari14@gmail.com
Mobile: 98235 94689

Prof. T. Marimuthu

Secretary
National Academy of Biological Sciences,
Chennai
Email: secretarynabs@gmail.com
Mobile: 9443673155 / 84382 63640

Local Organizing Committee

Chairperson

Prof. Mehtab Bukhari

Professor of Botany
Government College of Arts, Science and Commerce, Quepem, Goa
Email: mehtabbukhari14@gmail.com. Mobile: 98235 94689

Members

Dr. Annie F. D'Souza e Gomes

Associate Professor of Botany

Ms. Rita N. Sharma

Associate Professor of Zoology

Ms. Celly Quadros e Coutinho

Associate Professor of Botany

Dr. P. S. Deepa

Associate Professor of English

Mr. Vishal Jamuni

Assistant Professor of Botany

Ms. Olivia E. Soares

Associate Professor of Computer Science

Ms. Juliana Silveira e D'Souza

Assistant Professor of Zoology

Ms. Renuka Malgatti

Assistant Professor of Botany

Ms. Sheena Paul

Assistant Professor of Zoology

Ms. Dixita Shinde

Assistant Professor of Geography

Ms. Charmaine Lewis Pereira

Assistant Professor of Geography

Ms. Liana da Costa

Associate Professor of Computer Science

Dr. Kiran Popkar

Assistant Professor of Hindi

Shri Narayan Bandodkar

Assistant Professor of Physics

Dr. Brenda Coutinho

Assistant Professor of English

Dr. Evereth Fernandes

Assistant Professor of History

Dr. Prajyoti P. Gauns Dessai

Assistant Professor of Chemistry

Mr. Aniket Sawardekar

Assistant Professor of Computer Science

Dr. Vikrant Mudliyar

Assistant Professor of Economics

Ms. Suveni Gomes

Assistant Professor of Zoology

Dr. Sujata Dabolkar

Assistant Professor of Botany

National Advisory Committee

Dr. Rajendra Singh Paroda

Chairman, Trust for Advancement of Agricultural Sciences, New Delhi & Formerly DG, ICAR & Secretary, DARE, New Delhi

Dr. Mangai Lal Jat

Secretary of the Department of Agricultural Research and Education & Director General, ICAR, New Delhi.

Prof. R. R. Hanchinal

Former Chairperson, Protection of Plant Varieties & Farmers' Rights Authority, Government of India and Vice Chancellor, UAS Dharwad, Karnataka.

Dr. D. J. Bagyaraj

President, National Academy of Biological Sciences, Chennai.

Shri Bhushan K. Savaikar

Director, Directorate of Higher Education, Govt. of Goa.

Dr. Alka Rao

Advisor (Science and Standards and Regulations) Food Safety and Standards Authority of India (FSSAI) FDA Bhavan, Kotla Marg, New Delhi-110002, India & Senior Principal Scientist CSIR-Institute of Microbial Technology (CSIR-IMTECH) GNR Protein Centre, Sector 39-A, Chandigarh-160 036, India

Dr. N. Mathivanan

Vice President, National Academy of Biological Sciences, Chennai.

Dr. R. Raghavendra Rao

Honorary Guest Faculty, J.S.S. Academy of Science (DU) & INSA Honorary Scientist, Bengaluru, Karnataka.

Dr. V. Sivasubramanian

Director, Phycospectrum Environmental Research Centre(PERC), Anna Nagar, Chennai, Tamil Nadu.

Prof. Bishwanath Chakraborty

Former Professor, Department of Botany, University of North Bengal, West Bengal, India.

Dr. Pravina Kerkar

Principal, Government College of Arts, Science and Commerce, Quepem, Goa

Dr. N. Thajuddin

Pro Vice Chancellor, B.S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Tamil Nadu.

Dr. S. Nakkeeran

Formerly Dean, Agricultural College & Research Institute (TNAU), Pudukkottai, Tamil Nadu.

Dr. M. Prakash

Formerly Registrar & Professor of Crop Physiology, Annamalai University, Annamalainagar, Tamil Nadu.

Dr. M. Subramanian

Formerly Director of Research, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu.

Dr. S. Thyagarajan

Formerly Professor & Head, Department of Biotechnology, SRM University, Chennai, Tamil Nadu.

Dr. Renu Agrawal

Formerly Scientist, Central Food Technological Research Institute, Mysore, Karnataka.

Dr. P. Vivekanandan

Formerly Dean, V. O. Chidhambaranar Agricultural College and Research Institute, Killikulam, Vallanad, Thoothukudi District, Tamil Nadu, India.

Dr. Krishna Gopal Mandal

Principal Scientist, Agronomy, ICAR - Indian Institute of Water Management, Bhubaneswar, Odisha.

Dr. M. Kalaiselvan

Director, Centre for Advanced Study in Marine Biology, Annamalai University, Parangipettai, Tamil Nadu.

Dr. Aundy Kumar

Professor and Principal Scientist, Division of Plant Pathology, ICAR- Indian Agricultural Research Institute, New Delhi.

Prof. M. K. Janarthanan

Chairperson, Goa State Research Foundation

Prof. S. Krishnan

Dean, School of Biological Sciences and Biotechnology, Goa University, Goa.

Prof. D.J. Bhat

Formerly, Professor of Botany, Goa University, Goa.

Prof. B.F. Rodrigues

Senior Professor (HAG) SBSS, Goa University, Goa.

Prof. Absar Ahmad

Director, Interdisciplinary Nanotechnology Centre, Aligarh Muslim University, Aligarh





Fifteenth NABS - National Conference on



Biodiversity conservation, Innovations in Life Sciences, and Sustainable Technologies for Climate-resilient Agriculture and Animal Sciences

July 27, 28 & 29, 2026

REGISTRATION FORM

1	Name	
2	Designation	
3	Full postal address	
4	Email	
5	Whatsapp Phone Number	
6	Title of your paper	
7	Theme area	
8	Payment details (payment only online- to the account of Government College of Arts Science and Commerce; refer C-2 of the brochure)	
9	Amount transferred	
10	Transfer Reference with date	
11	Arrival date and time / mode	
12	Details of accommodation	
13	Details of mode of Travel	
14	Filled in registration form should be sent to	mehtabbukhari14@gmail.com & secretarynabs@gmail.com
15	Signature with date	

You can download the registration form from <https://nabsindia.org>