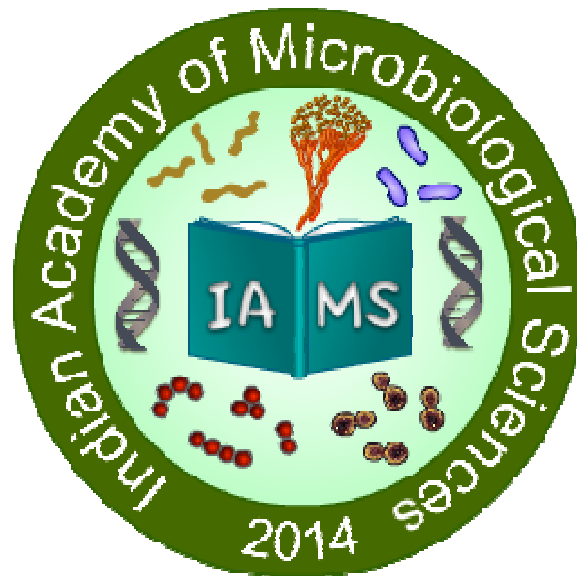


Indian Academy of Microbiological Sciences



Lignocellulose Biotechnology Labtarsity

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Indian Academy of Microbiological Sciences

(IAMSc)

**(Rules and regulations: Approved by G.B. of AMI held on 19th November 2013 at
Tagore Auditorium, M.D. University, Rohtak)**

Mission:

1. Popularization and strengthening of microbiological sciences in India.
2. Establishing academic collaboration with National and International Societies/Academies worldwide.

Preamble:

The discoveries over the last few decades have established Microbiology as a very important scientific discipline because of its practical ramifications in agriculture, medicine, environment, industry, genetic engineering and other fields. It is now clear that the role of microbes in nature is all encompassing. Taxonomically, Archaea and Eubacteria constitute two of the three domains of life. In view of the extreme microbial diversity, it is also well understood now that the process of mining microbial resource and exploitation of their genetic variations will go a long way towards newer applications, in future. The rapid rate of microbial evolution is the major impediment to finding permanent solutions to problems posed by microbes. These problems will demand continuous and sustained efforts. These opportunities and imperatives demand a deep understanding of basic microbial physiology, genetics, and ecology. Major challenges that lay ahead are to impart broad and state of art training to enable the next generation of microbiologists, and to educate the public and government representatives about the continuous and critical importance of microorganisms in health, industry, agriculture, environment and eventually economy. This is our road map for creation of “ Indian Academy of Microbiological Sciences (IAMSc)” under the aegis of Association of Microbiologists of India (AMI), which has been actively working towards the growth of Microbiology in India for more than fifty years.

The Association of Microbiologists of India (AMI) established in 1938 is one of the oldest and most reputed scientific organizations of the country. Since its inception, it has



contributed significantly towards development of research and teaching of Microbiology in the country. The Association has been publishing a quarterly journal- “Indian Journal of Microbiology” for the last more than 50 years. It is co-published by AMI and Springer (India) Pvt. Ltd., covered by Thomson Reuters/ISI and has an Impact Factor of 0.938/0.511. The AMI of India holds a National convention annually on emerging areas of Microbiology at one of the well-established centers of Microbiology in the country. The annual conference is generally attended by more than one thousand participants from India and abroad. At present, there are more than 4000/5000 life and about 500 annual members of the Association. Since, the Association is growing very fast, the Microbiologists fraternity of the country felt seriously to form an Indian Academy of Microbiological Sciences (IAMSc) to provide our scientists and educationists a better platform with enhanced visibility at national and international level. The Academy will take up the issue of popularization of microbiology among school and college students. Moreover, efforts will be made to start microbiology as minor subject in other disciplines to develop awareness among public at large.

Constitution of the Academy:

Indian Academy of Microbiological Science (IAMSc) will consist of an Executive Council and Founder Fellows

Founder Fellows:

All Fellows of AMI (FAMI) elected prior to the formation of Indian Academy of Microbiological Sciences and its execution will be included as founder fellows of IAMSc. All FAMIs will be renamed as FIAMSc.

Membership Fee:

The membership fee for the Indian Academy of Microbiological Sciences (IAMSc) will be Rs. 5,000/-, payable in favor of IAMSc at New Delhi. All FAMIs will be founder members of IAMSc and have to pay Rs. 5000/-, as membership fee.



Executive Council of Indian Academy of Microbiological Sciences (IAMSc):

- (i) Chief Adviser/Chief Patron **Dr. (Mrs.) Manju Sharma**, Former Secretary,
Department of Biotechnology (Govt of India),
Res: Vasant Kunj, New Delhi, India
- (ii) Chairman, **Prof. R.C. Kuhad**, Department of Microbiology,
University of Delhi South Campus, New Delhi, India.
- (iii) Vice Chairman, **Prof. L.V. Rao**, Department of Microbiology,
Osmania University, Hyderabad, India
- (iv) Convener/Executive Secretary, **Dr. A.K. Panda**,
National Institute of Immunology, New Delhi, India
- (v) Members of the Executive Council (20 nos).
- 1) **Prof. K. B. Ramachandran**, Chennai, Tamilnadu
 - 2) **Dr. Amit Ghosh**, NICED, Kolkata
 - 3) **Prof. P. Gunasekaran**, Vellore, Tamilnadu
 - 4) **Prof. B. S. Kundu**, Hisar, Haryana
 - 5) **Dr. Ravi Shankar**, Mysore, Karnataka
 - 6) **Prof. Sunil Khanna**, Neemrana, Rajasthan
 - 7) **Prof. Rakesh Bhatnagar**, New Delhi, New Delhi
 - 8) **Prof. Siba Prasad Adhikari**, Santiniketan, West Bengal
 - 9) **Prof. (Mrs.) Rintu Bannerjee**, Kharagpur, West Bengal
 - 10) **Prof. Indrani Karunasagar**, Mangalore, Karnataka
 - 11) **Prof. Datta Madamwar**, Vallabh Vidyanagar, Gujarat
 - 12) **Prof. T. C. Bhalla**, Shimla, Himachal Pradesh
 - 13) **Prof. J. P. Tamang**, Sikkim, Sikkim
 - 14) **Prof. H.N. Verma**, JNTU, Jaipur
 - 15) **Prof. Anil Tripathi**, CIMAP, Lucknow, Uttar Pradesh



- 16) **Prof. Rup Lal**, Delhi, Delhi
- 17) **Prof. (Mrs.) Praveen Rishi**, Chandigarh, U.T.
- 18) **Prof. A.K. Pandey**, Trivandrum, Kerala.
- 19) **Prof. Appa Rao Podile**, Hyderabad, Andhra Pradesh
- 20) **Dr. (Mrs.) Neeru Narula**, Hisar, Haryana

The office bearers of the Academy will be elected for a term of three years by the Executive Council of IAMSc at the national level. They will discharge their duties as per the rules of the Academy. One third of these members will retire every three years. The office bearers can be re-elected for next three years term on the same position. However, the office bearers cannot contest election for the third term for the same position. There would be 20 members of the executive council drawn from all parts of the country and mostly representing the major disciplines of Microbiology including Basic, Environmental, Soil and Agriculture, Medical, Veterinary, Industrial, Evolutionary and Molecular Biology, Microbial Physiology and Biochemistry, Food and Dairy Microbiology and Microbial Biotechnology.

Financial Support:

The Central Council (C.C.) of AMI in its meeting held on 27.03.2011 at Chandigarh resolved as was decided earlier that the saving of Rs.5.00/- lakh from AMI Conference held at Delhi will be used to develop initial corpus for the Academy. Moreover, C.C. in its meeting held on 3rd Nov., 2011 recommended to sustain its activities from 20% of the royalty received from IJM which will be transferred to the Academy corpus every year. The same was approved by General Body (G.B.) of AMI. It was also decided that G.B. of AMI will also look into the matters related to academy as well.

Activities of the Academy:

(i) Fellowship of the Academy: The Academy will confer Fellow of Indian Academy of Microbiological Sciences (FIAMSc) to eminent person(s) with global recognition in any field of Microbiology depending on their academic credentials long following a prescribed procedure. He/She should be an eminent person in his/her field. All FAMI's elected prior to formation of IAMSc shall automatically become as FIAMSc.



(ii) **Seminar/Symposium/Workshop:** Academy will initiate and support academic development programmes related to microbiology all over the country. Initially partial funding will be provided by the Academy. Academy will also provide partial grants to its members for registration for participating in conferences or travel for attending conferences depending upon the availability of the funds with IAMSc.

(iii) **Committees for fellowships and awards:** The Academy will constitute various Sectional Committees to identify the candidates for conferring fellowships & awards as and when, the same will be instituted by the Academy.

(iv) **Dissemination of knowledge:** The Academy will work towards disseminating knowledge in the area of Microbiology

(v) **Year book and other publications:** Academy proposes to bring out its publication in the years to come, which will be decided by the executive council of IAMSc.

(vi) **Financial Management:** The Convener of the Academy will prepare the budget and the same will be audited by the auditor of AMI under the supervision of Treasurer of AMI.

Rules and Regulations:

1. **Name:** The academy shall be called as **INDIAN ACADEMY OF MICROBIOLOGICAL SCIENCES (IAMSc)**.
2. **Office:** The Office of the Academy will be located at the place of Chairman/Convener till the permanent office of Association of Microbiologists on India (AMI) is finalized. All the correspondence will be made from the working place of the Chairman/Convener of the Academy. All communications regarding the academy, fellowships and other matters should be directed to the Chairman/Convener. Matters regarding finances should be directed to the Convener of the Academy, who will take up the issue through Chairman to the Treasurer, AMI.
3. **Objectives:** The objectives of the Academy shall be to promote the study and research in various facets of Microbiology and related areas, and to facilitate interaction among the researchers, scientists, industrialists and others who are engaged in activities related to microbiology and have interest in areas of Microbiological Sciences.



4. **Officers of the Academy and their Responsibilities:** The office bearers of the Academy shall consist of The Chairman, The Vice-chairman, The Executive Secretary (It has come as one of the suggestion and to be decided in next C.C. meeting), The Convener and members of the Executive Council (20).
 - 4.1 **The Chairman:** The term of the office of the Chairman shall be three years. He/She shall be the constitutional head of the Academy and shall preside over all the meetings of the E.C., IAMSc. The first Chairman of the Academy (IAMSc) has been elected by the Central Council and will be reported to G.B. and thereafter, the Chairman will be elected by the fellows of the Academy and the term shall be extendable and will participate in all C.C. meetings of AMI. He/She shall represent the academy at all national and international levels.
 - 4.2 **The Vice-Chairman:** The term of the office of the Vice-Chairman shall be three years and his/her term of office shall be extendable. He/She shall assist the Chairman in various functions of the Academy.
 - 4.3 **The Convener/The Executive Secretary :** The term of the convener shall be three years and his/her term of office shall be extendable. The Convener will convene the meeting(s) of the Academy in consultation with the Chairman of the Academy.
5. **Role of Executive Council:** The Executive Council of the academy, hereafter called as E.C., shall consists of the Chairman, Vice-Chairman, Executive Secretary (subject to C.C.'s decision in next meeting), the Convener and the executive council members (20) elected by the Fellows of the Academy and approved by G.B. AMI. The E.C. shall formulate all policy matters relating to the functioning of the academy from time to time, which will be reported to the G.B. for approval. EC shall be responsible for executing all decisions approved by the General Body.
6. **Accounting years:** The accounting year of the academy shall be from 1st April to 31st March next year.
7. **Academy records:** The officers concerned particularly the Convener/ Executive Secretary, Convener of Academy and the Treasurer, AMI shall maintain all the records of the academy for at least 10 years. The Convener/ Executive Secretary shall also maintain the



routine correspondence of the academy for at least 10 years. Records of permanent or historical value or exchange material shall be preserved both as hard copy and soft copy at the office of the academy. All records held by the various officers shall be transferred to the successor, as and when an officer demits his/her office.

8. **Appellate Authority:** Any dispute arising in relation to the interpretation of the rules and regulations of IAMSc or with regard to any other matter, for which no provision is made herein, the decision of the E.C. of the Academy shall be final.
9. **IAMSc annual meeting:** The E.C. will meet at least twice in a year. If need be, there will be an additional meeting. The E.C. is entitled to organize meeting(s) of the IAMSc. The dates and programme of the meeting shall be decided by the Chairman, IAMSc.
10. **Amendments to rules:** The rules of the academy can be altered only by the E.C subject to the approval of G.B. The decision of the E.C./G.B. shall be final and binding to the members and will not be subjected to any judicial review.
11. **Closure :** In case Indian Academy of Microbiological Sciences comes closure, the Bank balance and assets of the Academy (IAMSc) will be vested to President of India, Govt. of India.



Fellow of Indian Academy of Microbiologists of India (FIAMSc)

General:

1. Fellows will be identified on the basis of their excellence in any of the areas of basic or applied microbiology, as the main purpose of Academy is to recognize and support excellence in the microbial research, teaching and technology development. Outstanding achievements and sustained significant contributions to microbiological science are the main determining criteria.
2. The elected person will be called as Fellow of Indian Academy of Microbiologists of India (FIAMSc); and will be entitled to use the title: FIAMSc.
3. The total number of the Fellows of the Academy elected in a year at any given time shall not exceed five (or five percent of the total members).
4. Person elected as Fellow shall be presented a citation, duly signed by the Executive Secretary and the Chairman of the Academy, normally during G.B. meeting of AMI.
5. Nomination of unsuccessful candidate may be sent afresh every year up to a period of three years. The applicant will be on roster for three years and his/her biodata will be updated every year.
6. These rules and regulations will be effective from the year of Registration and tentatively w.e.f. 01.04.2013.

Eligibility Criteria :

1. The objectives of the fellowship award is to recognize distinguished academicians who have made outstanding contributions to research, teaching, technology development, and/or transfer including publications in any of the basic or applied areas of microbiology with respect to Industry, Agriculture, Dairy, Fisheries, Food and Nutrition, Bioenergy, Environment, Medicine and Health, Molecular, Pharmaceutical and Veterinary Sciences.
2. All members of AMI having standing of ten years are eligible for nominations as Fellows. Out of these ten years, he or she should have been a life member of AMI for the preceding five years.



3. Under exceptional circumstances, an outstanding microbiologist in any International research organization/reputed foreign university can be considered for the election of Fellow, even if he/she is not member of the Academy. However, at the time of election, he/she has to be enrolled as a member of AMI. The number of such fellow could be decided by the E.C., IAMSc and shall not exceed two in a year.
4. A member to be considered as FIAMSc should normally have a doctoral degree (Ph. D) and must have a minimum of 15 years of research/teaching/technology development experience in Microbiology.
5. Each eligible nomination will be retained and considered for three years, or till elected, which ever is earlier. Unsuccessful candidates may be nominated after a gap of three years.

Nominations:

1. The nomination for a Fellow should be proposed and seconded by either FIAMSc/ Life member of AMI for last ten years.
2. A life member of AMI or a FIAMSc can propose only one nomination in a year.
3. Nomination should be in the proforma either provided by the Convener, IAMSc or from website.
4. The nominee should complete all columns and should sign the acceptance proforma in the application.
5. Nomination duly proposed and completed in all aspects should reach Convener, IAMSc by the notified last date in the circular, 1st July of every year.

Selection and Election of Fellows:

- The Executive Council (E.C.) of IAMSc will constitute Sectional Committees, consisting of a panel of experts covering all the areas of microbiology. Each member of Sectional Committees should be either a distinguished academician or FIAMSc or Senior Life Member of AMI, who has made outstanding contributions in any of the areas of microbiology. Any member who has nominated a candidate for fellowship will not be a member of the selection committee.



- The Convener will send a soft copy of the eligible nominations to all of the Members of concerned Sectional Committees.
- In case more than five candidates are recommended, the preference will be given to the senior applicant on the basis of age.
- Recommendations duly compiled by the Convener will be placed in E.C. meeting, which will ratify the recommendations of the experts. If any member of E.C. points out any serious allegation of fraud or perjury with proof against any of the selected nominee, the E.C. will decide about the case. The recommendations of the E.C. will be put up to the G.B. for approval by majority of votes. The elected nominee will be awarded the Fellowship.
- The decision of G.B. will be final and subject to no judicial review.
- Last two steps will be followed till the number of selected Fellows reaches a fixed number (can be decided in meeting). Subsequently, the list of Fellows approved by E.C. will be circulated among Fellows of Academy for voting, on the lines followed by NAAS or NASI, Allahabad. A minimum of 70 percent positive opinions will form the final criterion for the selection. This list will be scrutinized by Sectional Committee(s) appointed by Patron and chairman, IAMSc.

Conferring of the Fellowship:

- The final recommendation of the E.C. regarding the election of a nominee as a Fellow of IAMSc will be communicated by the Executive Secretary, who will also invite the candidate to the Annual Meeting of AMI to confer the fellowship. If any fellow is not able to manage the traveling from his/her own resources, for attending the Award Function during the annual meeting, Academy would be able to provide AC Fare (Two Tier) for the journey.

In a Special Session of the Annual Meeting of AMI, the elected Fellows will be conferred the Fellowships, along with a citation and memento with IAMS-Emblem. The recipient of fellowship will deliver a review of his/her significant achievements.



Right and privileges of FIAMSc:

- The fellow will be entitled to use FIAMSc after his/her name as a short title. The title FIAMSc once conferred will remain for the lifetime of the member. However, if any fellow of IAMSc is found to be involved in any unlawful activity, perjury or any other act prejudicial to the interest of IAMSc. The E.C., IAMSc's will take up the issue and will decide about dismissal/derecognition of fellowship/Membership. The recommendation of the Executive Council, IAMSc will be reported to G.B. AMI for approval. However, the EC must produce full account of charges along with proofs, which must have been verified by an independent inquiry Committee, consisting of at least three eminent members, of which one should be non-member of AMI.
- Fellows of the Academy will continue to have all the rights and privileges of Member of Academy.
- Those members who are life members of AMI and are selected as founder FIAMSc's, will not be required to pay any subscription to the Academy if they so desire but shall continue to have the privileges that they earlier possessed by virtue of their holding AMI office positions.
- Fellows of the Academy will have the privilege of nominating an annual Member/Life member or a non-member for election of the Fellow of IAMSc.

Fellows who have retired from active service may be exempted from paying registration fee while attending Annual Conferences of AMI, but he/she will have to intimate the Convener, IAMSc in advance. The amount of Annual or Life Time fee for elected Fellow will be fixed by the E.C. and approval of the G.B..

Emeritus Membership:

- A fellow with good academic standing, after his/her retirement from regular services may be elected/selected for Emeritus Fellowship/ Membership of the Academy.
- A Fellow has the right to withdraw his/her title of Academy by writing to the Convener, IAMSc giving valid reasons. The request will be placed before the Executive Council, IAMSc which may accept or return it for reconsideration.



Nomination Performa for Election of Fellow of Indian Academy of Microbiological Sciences of India (FIAMSc)

Important Instructions

1. Duly completed nomination Performa should be sent by Mail/ Registered Post/Courier Service/ by Hand either by the Proposer or Secunder of Nominee to the General Secretary, AMI, so as to reach on or before the last date specified by IAMSc.
2. **“Nomination for Selection of Fellow”** should be written on the envelope containing the nomination papers.
3. Both the Proposer as well as the Secunder must sign the nomination Performa.
4. Both the Proposer as well as the Secunder of the nomination should either be FIAMSc or Life Member, AMI for the last ten years.
5. Separate sub heads for listing scientific achievements under different categories are provided in the nomination Performa. For ensuring uniformity in evaluation research publication in National and International Journals only may be listed.
6. Ten most important publications with their Impact Factor and Citation index should be listed on the sheet enclosed with the nomination Performa.
7. Ten copies of the list of publications with their Impact Factor and Citation index and one set of reprints of 10 best publications should be provided.
8. One set of the cover page and contents of the important book/monograph/manuals published with total page number along with publishers name and place should be enclosed.
9. All the columns in the Part B and C of the Performa should be typed.
10. Nomination with incomplete informations will be returned to the nominee with copy to the proposer and shall not be considered for processing for its evaluation.



PART- A

**Indian Academy of Microbiological Sciences
(IAMSc)**

The undersigned Chairman (IAMS)/ President (AMI)/ FIAMSc/Life Member(s) of AMI propose and second

(Name of the candidate in capital letters)

as a candidate for election of a **Fellow of Indian Academy of Microbiological of Sciences**

Particulars of the Proposer and Seconder

(i) Proposer

Name

Specific remarks about the nominee's suitability/
scientific achievement by the proposer.

Address

Signature

Date

(ii) Seconder

Name

Specific remarks about the nominee's suitability/
scientific achievement by the seconder.

Address

Signature

Date

I have gone through rules and regulations of Indian Academy of Microbiological Sciences (IAMSc). The decision of the Academy will be acceptable to me. I agree to accept the Fellowship of Indian Academy of Microbiological Sciences, if elected.

Signature of Nominee

Date:

(Name:)

Place:



Marking For Selection of a Nominee For FIAMSc

Note: Marks for each item under Part B are shown in bold and *italics* letters.

Total Marks are 100.

Part B

Significant Achievements of the Nominee

(To be updated on yearly basis during the period, the nomination is under consideration)

1. Personal details of the nominee

Name:

Present position:

Address:

Email:

Telephone:

Date of Birth:

Age on last date for submission of nomination:

Day--Month--Year

2. Special Attainments in research

40 marks

2.1 Ten best Publications:

List 10 most important publications in journals of high impact and high standing, stating name of authors, year, title, journal, volume no. and page no. Enclose one set of reprints with Impact factor of the Journal and Citation Index of your paper. The marks will be allotted as follows and based on the paper published in journal with impact factor 1, 2, 3 and 4 and above will be allotted marks 1, 2, 3 and 4 respectively. 10 marks out of 40 marks will be for the citation.

2.2. Give list of all publications other than the above (maximum up to 20)

10 marks

with Impact factor and Citation index

2.3. Award/fellowship based on national/international competition:

5 marks

2.4. International/National research project:

5 marks

2.5. Years of research experience

5 marks

3. Special attainments in education

5 marks

As Course Leader/Head/Dean of Faculty

As faculty Member

Summer/winter School/refresher course organized:



As Course Director/ Convener

As Course Assistant Director/ Asst. Convener

As Faculty:

New Course Developed/syllabus revised:

Number of P.G. or M.Phil students and Ph.D. scholars or Post Doctorates guided:

Specialized training under national or international programme provided:

Served as Invited Faculty to other institutes/university for specialized lectures

Best Teacher Award by the Institute/University:

Human resource development activities (recognition/ honour/ award received by P.G./ Ph.D. scholars of the nominee):

4. Products including culture, culture catalogue, vaccine, concept, process methodology, technology, patent (actually granted), new educational technology/ book/laboratory manuals, etc.

5 marks

4.1. New process/product developed

4.2. New Concept developed:

4.3. New methodology/technology:

4.4. Patent

4.5. Educational technology

4.6. Culture/vaccine (either released for commercial production or listed in Culture Catalogue):

5. Fellowship from any other scientific society/academy conferred

4 marks

International /National

6. Positions held in any scientific academy/society other than AMI

4 marks

International/ National

7. Chairman of Sessions of important symposia/scientific meeting

2 marks

International/ National (one session = 0.5 Marks)

8. Member of Scientific advisory panel/Educational committee:

2 marks

International/National

9. Seminar/symposia/workshop/conferences organized

2 marks

International/National (one session = 0.5 Marks)



10. Office bearer of the Academy of Indian Microbiological of Sciences (IAMSc) or Association of Microbiologists of India (AMI) (provide the term with years)

10.1 Central Council:

3 marks

10.1.1 Chairman/ President

10.1.2 General Secretary /Convener

10.1.3 Treasurer

10.1.4 E.C. / C. C. Member

10.1.5 Editor-in-Chief, IJM/ or Any other Journal

10.1.6 Editor/ Member Editorial Board of IJM/Any other Journal

10.2 AMI's Chapter

10.2.1 President/ Secretary/Member

11. International experience and visits to foreign countries (enclose the details of visit, purpose and year of visit)

4 marks

12. Popularization of microbiology among general public

2 marks

Articles/ Talk on electronic media (TV & Radio), Organizing Seminar/Symposia/colloquium

13. Transfer of technology and dissemination:

2 marks

(State briefly with proof about transfer of technology by the nominee)

Impact Factor

1 = 0.5 marks

2 = 0.75 marks

3 = 1.0 marks

4 = 3 marks

> 5.0 = 4.0 marks

Citation Index

500-750 : 5 marks

751-1000 : 7.5 marks

1001 > : 10 marks

Note: The criteria/procedure for electing/selectiong fellows can be discussed further, either we can follow the procedure narrated here or procedure followed by NASI, Allahabad. It can also be thought and discussed to consitute sectional committees.