

AcSIR Faculty

Eligibility Criteria

CSIR-staff (Group IV & III)/ Quick Hire Fellows/Ramanujan Fellows/Ramalingaswami Fellows/INSPIRE Fellows are eligible to be an AcSIR faculty, as per the following guidelines:

1. Essential Requirement

- (i) ME/ MTech in Engineering/ PhD/ MD or recognized equivalent degree
- (ii) Should teach at least one coursework in 4 semesters and/or guide PG or Doctoral students.

2. Qualification required by CSIR Scientists at different levels of AcSIR faculty

- (i) **Assistant Professor** : Scientist (Scientist-C)/ Senior Scientist (Scientist-E-I)

Ordinarily, Junior Scientists (Scientist-B) are not to be considered as Faculty of AcSIR. However, if an outstanding candidate teaches AcSIR courses and has above qualification and the Director of the concerned Lab recommends him/ her for faculty position in AcSIR, the person could be designated as an Assistant Professor of AcSIR on due recommendation from the concerned Dean and approval from the Chairman of the Senate. Such candidates would be expected to have at least two publications in SCI journals as a first author. It is to be noted that such an AcSIR faculty can only be a co-supervisor for the PhD students.

- (ii) **Associate Professor**: Principal Scientist (Scientist-E-II)
- (iii) **Professor**: Senior Principal Scientist (Scientist-F), Chief Scientist (Scientist-G), Fellow of a National Academy of Sciences/Engineering, JC Bose Fellow/Bhatnagar Fellow or any other similar fellowships of high esteem (as decided by the Chairman, Senate)
- (iv) **Outstanding Professor**: Director/Scientist H
- (v) **Distinguished Professor**: Scientist I
- (vi) **Emeritus Professor**: An emeritus CSIR scientist teaching a AcSIR course and/or supervising an AcSIR student's thesis.
- (vii) **Professor of Eminence** : Director General, CSIR will be recognized by the Academy as a Professor of Eminence of AcSIR.

- Only AcSIR faculty can act as a supervisor/co-supervisor to the Ph.D students.
- All the faculty designations in AcSIR are applicable with respect to only regular positions in the institutes (i.e. not applicable to any interim/acting/officiating positions) and are co-terminus with their regular employment in CSIR.
- The AcSIR faculty who resigns/superannuates from CSIR automatically ceases to be a faculty member of AcSIR. However, if such a faculty is appointed as CSIR emeritus scientist, s/he will have to apply afresh to AcSIR-HQ for faculty recognition.
- Holding a scientist's position in a CSIR Laboratory is not the sole criteria for appointment/upgradation to a faculty position in AcSIR, which is subject to their active involvement in various AcSIR-related Academic and other related activities.
- CSIR scientist desirous of applying/upgradation as a faculty of AcSIR have to get their application (<https://acsir.res.in/forms/>) forwarded to AcSIR-HQ through their AcSIR Laboratory coordinator for the consideration of the Chairman, Senate.

3. Qualification required by CSIR (Group III) staff for different levels of AcSIR faculty

All Group III staffs of CSIR interested to be faculty in AcSIR must fulfill (i) Essential Requirement mentioned above, and (ii) have at least one published paper in SCI or equivalently indexed journal as a corresponding author or at least two such publications as first author.

(i) **Assistant Professor** : Technical Officer-2 Gr.III(5)/Technical Officer-3 Gr.III(6) [equivalent to Scientist/ Senior Scientist]

(ii) **Associate Professor** : Principal Technical Officer Gr.III(7) [equivalent to Principal Scientist]

A Group III staff of CSIR who is a AcSIR faculty can only be a co-guide of MTech/PhD students enrolled in AcSIR.

4. Qualification required by Quick Hire Fellows/Ramanujan Fellows/Ramalingamswami Fellows/ INSPIRE Faculty and other equivalent Fellows to be an AcSIR faculty

- Must have a PhD/ MD or recognized equivalent degree
- Must have at least one published paper in SCI or equivalently indexed journal as a corresponding author or at least two such publications as first author.

A Fellow in this category could be included normally as an Assistant Professor but could also be included as an Associate Professor depending his/her length of experience and credentials. He/she would be expected to teach the courses under AcSIR and could serve as a supervisor to the PhD students only if a regular AcSIR faculty is the co-supervisor of these Ph.D students.

5. Requirement for AcSIR faculty to act as primary Supervisor for Ph.D students

- a) Must hold a doctoral or equivalent degree preferably with 2-3 years' post-doctoral experience
- b) Must have at least one published paper in SCI or equivalently indexed journal as a corresponding author or at least two such publications as first author.
- c) Institute Scientists, not having a doctoral degree, are eligible to serve as co-supervisor of students registered for Ph.D in AcSIR. However, they can act as a supervisor for PG students registered for M.Tech/M.Sc etc. in AcSIR.
- d) JC Bose Fellows, Bhatnagar Fellows, Emeritus professors or any other similar fellows of high esteem can act as primary supervisors to the Ph.D. students only if a regular AcSIR faculty is the co-supervisor of these students, to ensure the continuity of the study.
- e) The AcSIR faculty who superannuates/resigns from the institute of employment can only continue as a co-supervisor and a new supervisor has to be allocated to the Ph.D student amongst the existing AcSIR faculty. However, if the AcSIR faculty superannuates/resigns from CSIR after the successful conduct of the Open Colloquium (DAC IV) of the student, he/she can continue to act as a Primary Supervisor without any additional requirement of a co-supervisor. In such cases, where there was an already existing co-supervisor of the student, s/he can continue to be the co-supervisor.

The scientists/staff of the AcSIR Research Institutes, who are enrolled in the AcSIR PhD program, cannot be the co-supervisor of any AcSIR PhD student, till such scientists/staff is awarded the PhD degree.

6. Maximum number of students that can be enrolled for PhD under an AcSIR faculty

Total number of students enrolled for PhD under an AcSIR faculty, including those registered with other Universities or Academic Institutions (if any), should be limited by his/her AcSIR academic position as follows:

Assistant Professor: 4 students (*except Junior Scientists or Scientist B of CSIR system, if recognized as AcSIR faculty-Assistant Professor, is eligible only as a co-supervisor*)

Associate Professor: 6 students

Professor: 8 students

Outstanding Professor: 8 students

CSIR Emeritus Professor: 2 students (mandatory to include a co-supervisor who is a AcSIR faculty)

Further, in following cases, student number would not be counted towards this ceiling of number of students permitted for each level of faculty: i) Being a co-supervisor of a student; and ii) PhD student who has submitted his/her thesis

It is mandatory for primary supervisors to include a co-supervisor for their Ph.D students when their tenure in regular service is less than 3 years.

7. Allotment of PhD students to CSIR Emeritus scientist (superannuated CSIR Scientists) as a Primary Supervisor

As per the rules of AcSIR, the Faculty positions are co-terminus with the regular employment of a CSIR Scientist, appointed as Faculty member of AcSIR. Despite this rule, it has been observed that in some instances, superannuated CSIR Scientists, on being appointed as “Emeritus Scientists” of CSIR, continue as a Primary Supervisor of PhD students or take up new PhD students, without their having been formally appointed as Emeritus Professor of AcSIR. At times technical issues have arisen in the past, putting PhD students at multiple types of disadvantages.

In order to avoid inconveniences to such CSIR Emeritus Scientists and the AcSIR PhD students associated with them, the following procedure is to be followed for recognition of the CSIR Emeritus Scientists (including JC Bose Fellows, Bhatnagar Fellows or any other similar fellows of high esteem) as “Emeritus Professor of AcSIR” and for allotment of their AcSIR PhD students as Primary Supervisor:

1. The AcSIR faculty who superannuates/leaves CSIR can only continue as a co-supervisor and a new primary supervisor has to be allocated to the students, he/she was supervising as Primary Supervisor (from amongst the existing AcSIR faculty), except for those PhD students, who have successfully cleared their Pre-Thesis Open Colloquium (PTOC) on or before the date of the Scientist’s superannuation or leaving CSIR;
2. After being appointed as “Emeritus Scientist” of CSIR, or being conferred a prestigious Fellowship after superannuation (e.g., JC Bose Fellows, Bhatnagar Fellows or any other similar

fellowships of high esteem), such superannuated Scientists have to apply afresh to AcSIR-HQ, for faculty recognition.

3. AcSIR HQs. will review such applications and, if approved, will issue Faculty Recognition Letter as “Emeritus Professor” of AcSIR. Only after such a recognition has been accorded by AcSIR, he/she would be eligible to be a primary supervisor of PhD students, subject to the following conditions:
 - a) Allotment of student to such Emeritus Professor of AcSIR, needs to be immediately communicated to AcSIR HQs. (academics@acsir.res.in)
 - b) Inclusion of a Co-Supervisor from amongst the recognized AcSIR Faculty (who is also qualified to be a primary supervisor in case of any exigency) from the concerned Institute is mandatory
 - c) Such Co-Supervisor will automatically become the Primary Supervisor of the student when the Emeritus Professor of AcSIR completes his/her tenure as Emeritus Scientist of CSIR (or the other Fellowships) or resigns. The change needs to be immediately communicated to AcSIR HQs. (academics@acsir.res.in)
 - d) On completion of initial three-year tenure as CSIR Emeritus Scientist, if an extension is granted by CSIR, fresh application has to be submitted to AcSIR-HQ for continuation of the recognition as Faculty of AcSIR;
 - e) The Emeritus Professor of AcSIR can act as a Primary Supervisor to a maximum of Two (02) AcSIR PhD students at any given time and can enroll fresh PhD students as a Primary Supervisor only if they have at least two years remaining of their approved tenure as CSIR Emeritus Scientists (excluding the extension period).

Criteria for upgradation of Faculty position of AcSIR

Following Faculty upgradation guidelines for the AcSIR faculty in consideration of their contribution towards meeting the mandate of the Academy. Apart from being commensurate to their designation at their institute of employment, the faculty upgradation will primarily be based on the following four criteria:

- a) Research & supervision of AcSIR PhD students

Faculty position to which upgradation is being sought	Research & Supervision of Students
Associate Professor <i>(Upgradation from Assistant Professor to Associate Professor)</i>	● At least 2 AcSIR PhD students enrolled as primary supervisor, out of which at least 1 should have submitted thesis/completed the PTOC; ● at least 3 publications in SCI Indexed journals, out of which at least 2 as the corresponding author (publications with AcSIR affiliation) ● All above during the tenure as a faculty of AcSIR
Professor <i>(Upgradation from Associate Professor to Professor)</i>	● At least 5 AcSIR PhD students enrolled as primary supervisor, out of which at least 3 should have submitted thesis/completed their PTOC; ● at least 8 publications in SCI Indexed journals, out of which at least 5 as the corresponding author (publications with AcSIR affiliation) ● All above during the tenure as a faculty of AcSIR

- b) Teaching AcSIR courses and/or guidance of Masters’ Dissertation

Due weightage will be given to the teaching of the AcSIR courses by the faculty and/or guidance of Masters' Dissertation. The weightage will be based on the number of lectures taken by the scientists for different AcSIR courses in each semester.

The criteria (a) Research & Supervision of AcSIR PhD students and (b) Teaching AcSIR courses and/or guidance of Masters' Dissertation, as detailed above, will have the highest but equal weightage.

c) Other AcSIR student related activities

Due weightage will be given to the other AcSIR student related activities, such as, coordinator, member of AcSIR selection or other student related activities, etc.

d) Academic awards & Honours

Due weightage will also be given to the national/international level awards/honours and other significant achievements of the faculty.

Accordingly, all applications received for faculty upgradation by the scientists, shall be considered by the AcSIR-HQs., based on the above-mentioned criterion and not necessarily on the promotion of the scientists to a higher grade.

The application format for appointment or upgradation as a faculty of AcSIR is given on <https://acsir.res.in/forms/>.

The designations of employees, mentioned, refer to those followed at CSIR institutes. In case of non-CSIR institutes, the designations equivalent to those at CSIR, will be followed for the interpretation of these rules.

“Professor of Practice” positions in AcSIR

The introduction of the position of “Professor of Practice” with the following terms and conditions:

1. The “Professor of Practice” shall be appointed from amongst distinguished experts having re-markable contributions in diversified research areas.
2. An expert of any field, especially industry, who has proven expertise in his/her specific profession or a role at a senior level;
3. Formal academic qualification shall not be considered essential for this position if they have exemplary professional practice in lieu. These experts will also be exempted from the requirement of publications and other eligibility criteria stipulated for the recognition/appointment of faculty members at the Professor level;
4. The engagement of Professor of Practice shall be for as long as his/her academic engagement continues with AcSIR;
5. Professor of Practice shall not generally be open for those in teaching profession- serving or retired;
6. Professor of Practice shall be on honorary basis.