Advertisement No. IITPKD/R/F/05/2019 dated November 11, 2019

IIT Palakkad, one of the new IITs established under MHRD during the year 2015, started academic activities from August 2015. Currently, the Institute is functioning from the transit campus at Kanjikode, Palakkad and the temporary campus located at Ahalia Integrated campus, Kozhipara, Palakkad.

IIT Palakkad is looking for individuals with an established record of independent, high quality research and commitment to teaching and research for faculty positions at the level of (as per the 7th Central Pay Commission):

Professor	Level 14A (Rs.159100 – Rs 220200)
Associate Professor	Level 13A2 (Rs.139600 - Rs.211300)
Assistant Professor Gr. I	Level 12 (Rs.101500 -Rs.167400)

In all cases, allowances as applicable to Central Government employees located in Palakkad will be paid. All recruitments will be for permanent positions and those appointed will be on probation for one year. The selection committee may consider ON CONTRACT appointments in some cases. The position is available in a few disciplines currently.

CATEGORY & AREAS OF SPECIALIZATION

(I) Regular

Discipline	Designation	Areas of specialization	Mandatory degree requirements
Biosciences and technology	Associate Professor, Professor	Specialization in the fundamental and applied aspects of Biotechnology. The areas of research should include Molecular mechanisms of Diseases, Immunotherapy, Infectious Diseases and Drug discovery	Ph.D in relevant area of research, Bachelor's/ Master's degree in Medical Science or Veterinary Science
Agriculture Engineering	Assistant Professor	Specialization in Soil, plant, and environment interactions for sustainable agriculture with focus on i) food security under changing climate and ii) renewable bioenergy	Ph.D in relevant area of research, B. Tech in Agriculture Engineering
Electrical Engineering	Assistant Professor	Specialization in Robotics and Control	Ph.D in relevant area of research, B. Tech in Electrical Engineering

(II) Special Recruitment Drive for OBC/SC/ST category

Discipline	Designation	Areas of specialization	Mandatory degree requirements
Civil engineering	Assistant Professor	Specialization in Soil dynamic and Rock mechanics relevant to Geotechnical Engineering, Building Materials and Theoretical and computational mechanics relevant to structural Engineering	Ph.D in relevant area of research, B Tech in Civil Engineering
Computer Science and Engineering	Assistant Professor	Specialization in Computer Vision and Graphics; Data Science; Natural Language Processing (NLP); Cryptography and Cyber Security; Formal Verification and logic; Databases	Ph.D in relevant area of research
Mechanical Engineering	Assistant Professor	Specialization in Experimental thermo-fluids, Solid mechanics and design and Manufacturing	Ph.D in relevant area of research, B. Tech in Mechanical Engineering

QUALIFICATION

Ph.D., with first class or equivalent at the preceding degree in the appropriate branch with consistently good academic record throughout.

- **EXPERIENCE: PROFESSOR**

  At least 10 years industrial / research / teaching experience of which at least 4 years should be at the level of Associate Professor in IITs, IISc Bangalore, IIMs, NITs and IISERs or at an equivalent level in any such other Indian or foreign institution / institutions of comparable standards.

- **EXPERIENCE: ASSOCIATE PROFESSOR**

  At least 6 years industrial / research / teaching experience of which at least three years should be at the level of Assistant Professor / Senior Scientific Officer / Senior Design Engineer.

- **EXPERIENCE: ASSISTANT PROFESSOR GR.I**

  At least 3 years industrial / research / teaching experience excluding, however, the experience gained while pursuing Ph.D.

AGE LIMIT FOR DIFFERENT POSTS

- For the post of Assistant Professor, the candidates should be below 40 years of age and preferably below 35 years.
- For the post of Associate Professor, the candidates should be below 45 years of age and preferably below 40 years.
- For the post of Professor, the candidates should be below 50 years of age and preferably below 45 years.

In all cases age will be reckoned as on the date of this advertisement.

APPLICATION FORM AND INSTRUCTIONS

Applications are to be submitted online at **https://facap.iitpkd.ac.in** fillable forms and instructions can be found at the same site.

The completed application materials should be uploaded on or before December 2, 2019.

INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM
- A single application form is sufficient for applying to multiple posts and multiple disciplines– indicate the discipline in the form in the appropriate columns. Enclosures are to be uploaded along with the application form, as separate documents (pdf preferred). The data sheet to be sent is a summary sheet mainly for data collection for statutory and statistical purposes and all details should be in attached Academic Profile as detailed below.

Enclose a detailed Academic Profile including the following information:

- Curriculum Vitae
- A Teaching Plan, indicating core courses of the discipline that you can teach. An expanded statement of the objectives and long term interests in coursework development may be included. For those with prior teaching experience, the statement should contain student feedback ratings, profiles of "3 best courses" taught by the candidate in the last five years (profile should contain course outline /teaching plan, novel methods used, if any, including online content, term papers, group activity etc.). The statement should also include details of any teaching related awards and details of participation in teacher development programs as participant or as mentor.
- A Research and Industrial interaction/consultancy plan highlighting the current and past research interests and achievements as also future plans in the short and long terms. As part of the research plan statement, candidates are expected to submit copies of "3 best papers" authored in the last 10 years, highlighting a) why the work is important (context) and b) if joint work with non-students, what is the contribution. Also to be highlighted are achievements of research scholars guided, especially where one can take pride in the work done or the role played in guiding.

- Details of publications / conference papers presented, listing chronologically:

  Names of authors, title of the paper, name of the journal/conference, volume/ proceedings, pages (from – to), year, etc. Group the above as Journal Publications and papers presented at National / International Conferences. For each paper, include citation count and Journal Impact factors as available.
- Awards, Patents, Prizes etc. indicating:

  - Nature, name of prize/award, awarded by, awarded for, year of award

  - Name of the patent, year and details about the patent, etc. as well as the candidate's specific contribution viz a viz the co-inventors
- Research guidance (Ph.D./M.S./M.Tech., only those with formal guide status) listing:

  - Research degree, name of the scholar, title of thesis, year of award etc. If candidate is not the sole supervisor (Guide), all co-guides to be listed. Degrees in progress may be indicated separately.

- Role in and details of externally funded projects carried out, listing:
  - Title of the project, duration, sponsor, value, co- investigators, if any, role of the candidate and specific contributions, etc. Candidates should highlight specific contributions, if any, to industry, pointing out the challenges overcome, the value of the work to the industry etc.
- Other Activities like:

  - Textbooks and Monographs written with details,
  - Continuing education programs / conferences organized (as an organizer or co-organizer) etc.
- Any other relevant but brief information on academic standing.

- Candidates to upload reprints of three best papers published along with a short description of their technical contribution to each of these papers.

TRAVEL AND RELOCATION ALLOWANCE

- For candidates joining the Institute- Reimbursement of one-way economy class airfare for travel subject to the condition that they serve the Institute for a minimum period of 3 years.
- Relocation allowance of Rs. 50,000/- or actual, whichever is less, towards transportation of personal effects is also provided for candidates joining the Institute.

SUPPORT FOR PROFESSIONAL ADVANCEMENT OF FACULTY AT IIT PALAKKAD- SOME DETAILS

- An initiation/start-up grant of Rs. 5 lakhs is available to the new faculty member on joining, to be used for initial research set up, travelling to conferences etc. Possibility of higher start-up grant, based on a proposal for carrying out research project of 3 years duration on selection basis.
- A Cumulative Professional Development Allowance (CPDA) of Rs. 3 lakhs for every block period of 3 years (Rupees one lakh per year) is made available to every member of the faculty on reimbursable basis to meet the expenses for participation in national and international conferences, payment of membership fee of professional bodies and contingent expenses.
- The Institute encourages interaction of the faculty with industry, other research and professional institutions. Consultancy is encouraged and liberal consultancy policies are in practice.
- Professional visits can be undertaken during vacation period for carrying out scientific research work.
- Flexible Sabbatical Leave facility.
- Research and Development activities are encouraged in all the Departments. As an Institute currently being set up faculty members joining the Institute will have the all-

important task of acquiring modern and contemporary equipment and services for their research work. Good facilities also exist for computing. The Institute has a well- stacked library which is being augmented continuously.

ADDITIONAL INFORMATION

- Permanent faculty positions are open to Indian Nationals, Persons of Indian Origin (PIO) and overseas citizens of India (OCI). Appointment of foreign nationals for fixed period ON CONTRACT basis is permissible.

- Security clearance from Ministries of External and Home Affairs is necessary in every case for individuals with foreign passports.

- Reservation: Reservation as per Government of India rules, as applicable to IITs, is followed, without any relaxation on qualifications and experience. Necessary/current certificates regarding the eligibility for reservation should be submitted by the candidates.

- Candidates employed in Government and Semi-Government Organizations, Public Undertakings, University and Educational Institutions must apply through their present employers. If they anticipate unavoidable delay in their applications being forwarded through proper channel, they may submit advance copies of their applications directly to the

  > The Registrar,
  > IIT Palakkad,
  > Ahalia Integrated Campus,
  > Kozhipara P. O.,
  > Palakkad – 678 557, Kerala.
  > Telephone +91/04923 226300

- The Institute reserves the right to fill or not fill any or all the posts advertised.

- The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement and other academic achievements. Short-listing of candidates called for interview will be done by the selection committee area-wise/ discipline-wise.

- The invitation to candidate for interview merely indicates that it is felt that he/she with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.

- No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview / outcome of interview.

- The Institute may consider candidates whose area of specialization lie outside those stated herein, provided these persons have an outstanding record.

- Outstation candidates called for personal interview will be paid economy airfare by Air India /train fare by 2nd AC class by the shortest route.

- The candidate is responsible for the correctness of the information provided in the application. If it is found at a later date that any information given in the application is incorrect / false, the candidature / appointment is liable to be cancelled / terminated.

- Applicants should click on the "Submit the application" button to complete the submission. The applicant will receive an email confirming the submission of application.

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