



Call for Joint Applications from PhD Scholars and Industry

PRIME MINISTER'S FELLOWSHIP FOR DOCTORAL RESEARCH A PPP Initiative of Science & Engineering Research Board (SERB) and Confederation of Indian Industry (CII) IN THE AREAS OF SCIENCE, TECHNOLOGY, ENGINEERING, AGRICULTURE & MEDICINE

CALL AT A GLANCE

The Scheme

The scheme is for supporting aspiring PhD scholars with lucrative scholarship (up to Rs. 10.41 lakh per annum--*amount subject to revision as per current JRF/SRF slabs*), 50% of which will be provided by government and balance 50% by a sponsoring industry, for doing research for four years and the research fellow will receive PhD degree by doing this industrial research.

Open-Ended Applications

A candidate can register on the portal of PM Fellowship if she/he has taken admission in full-time PhD in last 14 months from the date of submission of applications.

In case of a different admission/enrollment date and registration date, the first date of PhD admission will be considered.

The applicants must firm up their alliance with industry before applying.

Eligibility

- One PhD scholar and one industry will apply jointly. The application has to be filled by the doctoral fellow
- Research scholar should have taken admission in full-time PhD in last 14 months from the date of submission of applications in any recognized Indian University / Institute / Research Laboratory. In case of a different admission/enrollment date and registration date, the first date of PhD admission will be considered.
- Research scholar should obtain 'No Objection' from his/her Institution before applying
- Research scholar should have identified (before applying) an industry partner/co-applicant who should be ready to support the research project financially and also lend technical and intellectual support
- Areas of research should be in Science, Technology, Engineering, Agriculture or Medicine
- The topic of research should have practical relevance and industrial application
- The candidate and the proposed research topic should qualify on criteria of excellence and relevance and be of technical and scientific merit
- The selected Research scholar should be willing to work with / in industry as and when required by the industry partner during the project period
- The research duration should not be more than four years leading to award of PhD degree to the doctoral fellow



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Selection Process & Broad Criteria for Selection

- A high-level Apex Council consisting of members from academia, industry and government will review the applications and select the candidates for award of PM Fellowship.
- The project should be innovative and of high scientific merit; with discrete R&D as opposed to exploratory investigation
- The proposed research should have a high potential to translate into a business opportunity and commercialization
- High credibility, capacity of doctoral fellow and the institution
- High degree of business interest, involvement and collaboration of industry

Funding Support

- Up to 100 research projects would be supported in a financial year.
- The Fellowship amount will be up to Rs. 10.41 lakh per annum maximum per candidate (amount subject to revision as per current JRF/SRF slabs).
- 50% of this amount will come from SERB [being equivalent to the prevailing Government norms for JRF /SRF (inclusive of HRA)] of maximum Rs 5.2 lakh per annum (including 10% management fee) and will be revised as per the JRF/SRF norms from time to time.
- Rest 50% (matching equivalent of SERB component) will come from the partner industry co-applicant.
- Duration of the Fellowships will be a maximum of four years leading with awarding of PhD degree
- If selected to receive the Prime Minister's Fellowship for Doctoral Research, the candidate will cease to receive any other scholarship / salary from any other organisation which he / she may be receiving at present

Eligibility of Industry Partner

The following conditions apply:

1. NGO and Society are not treated as a company
2. The company should be registered under the Indian Companies Act
3. Body corporate or a consortium of companies are allowed to support the fellowship
4. Research arms of companies and Research institutes of companies are allowed to support the fellowship
5. MNCs



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How to Apply

- Applications have to be submitted online
- For applying, log on to: www.primeministerfellowshipscheme.in

Important Dates

Last date of Online Submission of Application Form: **Within 14 months of admission to PhD (first date to be considered in case of a different admission/enrollment date and registration date)**

Announcement of Results: **Updates on website**

Signing of MOUs among selected PhD Fellows, Industry and Institutes: **Within the time-period specified in the selection mail**

Release of Fellowship amount to Research scholar: **From April (or Month specified in the selection mail) of each year on a monthly basis**

Contact

Confederation of Indian Industry (CII): ravi.hira@cii.in; Subhajit.poddar@cii.in & pm.scheme@cii.in



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INFORMATION & GUIDELINES FOR APPLICATIONS

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1. BACKGROUND

India is far behind many countries including China in terms of number of PhDs passing out of Indian university system every year. This has many reasons. Indian industry's investment in Research & Development, barring a few sectors like pharmaceuticals and biotechnology, is very poor compared to global benchmark and they don't recruit PhDs in large scale. On the other hand, Government's doctoral fellowship amount is not attractive and talented students tend to accept jobs than pursuing PhDs.

Government of India and Confederation of Indian industry have been very concerned about this trend and explored an innovative model where talented students and industry will be attracted to join hands in a process where doctoral fellows will get double fellowship amount and the industry will initiate a research project.

The scheme invites applications from doctoral fellows who are enrolled in any recognised university and institutions in India in the current year and want to do industrial research, should find an industry sponsor with whom the doctoral fellow will decide the research topic. The sponsoring industry should agree to pay a matching amount to the Government component, which can go up to a maximum of Rs. 5.2 lakhs per year (including 10% management fee), for four years and be involved in the research project with the doctoral fellow and the institution. This amount is subject to change as per the revisions in the Government slabs.

The scheme is currently designed to support 100 such fellowships in a year.

It was envisaged that, this scheme would eventually impact on attracting large number of talented students pursuing PhDs and on changing industry's mindset in investing in R&D and recruiting more PhDs.

The First Call for Application was announced in November, 2012 and within a month; more than 200 applications from doctoral fellows and industry were received. A high level Apex Council chaired by Dr. M K Bhan, Former Secretary of Department of Biotechnology, selected 28 Fellowships.

The scheme has been made open-ended from the year 2014.



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2. ELIGIBILITY CRITERIA - WHO CAN APPLY

- 2.1. Research scholar should have taken admission in full-time PhD in last 14 months from the date of submission of applications in any recognized Indian University / Institute / Research Laboratory. In case of a different admission/enrollment date and registration date, the first date of PhD admission will be considered.
- 2.2. Research scholar should have excellent academic track record
- 2.3. Research scholar should obtain 'No Objection' from his / her Institution before applying and will get a letter of commitment from the Head of the Institution
- 2.4. Research scholar should have identified (before applying) an industry partner / co-applicant who should be ready to support the research project financially and also lend technical and intellectual support. Doctoral Fellow will get a Letter of Commitment from the industry partner before applying.

3. BROAD APPLICATION PROCESS

3.1 Applicant: PhD Scholar

- 3.1.1 Get an in-principle approval from academic research guide and Head of the institution for applying for this Fellowship.
- 3.1.2 Develop preliminary proposal for research based on the self's qualification / strength / skills aiming for a particular sector of industrial applications, in consultation with academic research guide.
- 3.1.3 Engage with some industry to explore industry's interest on the research proposal.
- 3.1.4 Finalise the research proposal in consultation with industry and academic guide.
- 3.1.5 Get a Letter of Commitment from Industry who will be ready to pay maximum Rs. 6.1 lakh per year (including 10% program management fee), for four years and be involved in the research project with the doctoral fellow and the institution. The amount of support varies according to the JRF / SRF slab of the candidate and the HRA slabs for the host institute.



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- 3.1.6 Get a letter of commitment from the Head of your institution that will be ready to allow you to work in the institute and in the premises of sponsoring industry, as and when needed and for joint (industry + institute) review of progress of research.
- 3.1.7 Apply online for the PM Fellowship (Application Form enclosed in Annexure 1).
- 3.1.8 Once selected, sign an agreement (Sample agreement enclosed in Annexure – 2) with sponsoring industry and your institution clearly defining the roles and responsibilities including sharing of Intellectual Property that may be generated as the outcome of the research.
- 3.1.9 Execute the research project as per the mutually agreed process and timelines.

3.2 Co-Applicant: Industry

- 3.2.1 Engage with doctoral fellows who will approach you, either directly or through CII, to explore partnership with the doctoral fellow in his / her research project of your interest.
- 3.2.2 In case, you already have a research assignment, you identify a capable doctoral fellow (from a recognised university / institution) who can conduct the research on your assignment during his / her PhD course.
- 3.2.3 Finalise the research proposal in consultation with doctoral Fellow and his / her academic guide.
- 3.2.4 Provide a Letter of Commitment to doctoral fellow to pay maximum Rs. 5.2 lakh per year (including 10% program management fee), for four years and to be involved in the research project with the doctoral fellow and the institution. The amount of support varies according to the JRF / SRF slab of the candidate and the HRA slabs for the host institute.
- 3.2.5 Sign up application form jointly with doctoral fellow, online for the PM Fellowship (Application Form enclosed in Annexure 1)
- 3.2.6 Once selected, sign an agreement (Sample agreement enclosed in Annexure – 2) with doctoral fellow and his / her institution clearly defining the roles and responsibilities, including sharing of Intellectual Property that may be generated as the outcome of the research.



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3.2.7 Execute the research project as per the mutually agreed process and timelines.

4. SUBJECT AREAS IN WHICH APPLICATIONS ARE INVITED

4.1. Applications with research proposals in the following broad areas are invited:

- 4.1.1. Science
- 4.1.2. Technology
- 4.1.3. Engineering
- 4.1.4. Agriculture
- 4.1.5. Medicine

4.2. The proposed research should qualify on criteria of excellence and relevance and be of technical and scientific merit.

4.3. The proposed research should have practical relevance and industrial application.

5. FELLOWSHIP FRAMEWORK

5.1. Up to 100 Fellowships would be provided each year and the Fellowship will be paid from financial year April-March.

5.2. The Fellowship amount will be up to Rs. 10.41 lakh per annum maximum per candidate. (Based on the current JRF/SRF slabs)

5.3. 50% of the fellowship will come from SERB [being equivalent to the prevailing Government norms for JRF /SRF (inclusive of HRA)] of maximum Rs 5,20,800/- per annum and will be revised as per the JRF/SRF norms from time to time.

5.4. Rest 50% (matching equivalent of SERB component) will come from the sponsoring industry co-applicant.

5.5. The Government Component will be decided basis JRF & SRF slabs and no provision of Research Associate (RA) is available under the scheme

5.6. Duration of the Fellowships will be a maximum of four years leading to awarding of PhD degree



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- 5.7. If selected to receive the Prime Minister's Fellowship for Doctoral Research, the candidate will cease to receive any other scholarship / salary from any other organisation which he / she may be receiving at present
- 5.8. If the partner company ceases to support a fellow during the committed 4 year time period, the PM Fellowship will stand cancelled and the government support will also be withdrawn from the time the industry support becomes unavailable.

6. SELECTION PROCESS

- 6.1. A high level Apex Council consisting of members from academia, industry and government will review the applications and select the candidates for award of PM Fellowships.
- 6.2. The broad criteria for selection of projects will be:
 - 6.2.1. The project should be innovative and of high scientific merit; with discrete R&D as opposed to exploratory investigation
 - 6.2.2. The proposed research should have a high potential to translate into a business opportunity and commercialization
 - 6.2.3. High credibility, capacity of doctoral fellow and the institution
 - 6.2.4. High degree of business interest, involvement and collaboration of industry
 - 6.2.5. The ability of the partner company to financially support the project for four years or completion of research work



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7. DURATION, REVIEW & TERMINATION OF FELLOWSHIP

- 7.1. The duration of the Fellowship under the Prime Minister's Fellowship for Doctoral Research will be a maximum of four years.
- 7.2. The Fellowship will automatically cease with the submission of the Fellow's thesis.
- 7.3. The Fellow will be required to submit a written progress report to the Apex Council before 30th November every academic year following the commencement of the Fellowship.
- 7.4. Based on the progress report submitted, there will be an annual review of the progress made by the candidate before the Apex Council or a committee nominated by the Apex Council.
- 7.5. Subsequent release of funds will be based on the satisfactory progress of the work done and letters of recommendation from research guide and industry mentor / guide.
- 7.6. The Fellowship will be liable to termination if the Fellow leaves his / her institution or is found to be not dedicating sufficient time or effort to the project.
- 7.7. The Fellowship will be liable to termination if the host institute recognises that for personal, professional or other reasons, the research scholar wishes to terminate his / her Fellowship prematurely.
- 7.8. The Fellowship will be liable to termination should the Fellow be unable for medical reasons to pursue his / her studies in accordance with the Terms and Conditions of the Fellowship.
- 7.9. Once accepted, the offer for implementing the Prime Minister's Fellowship at a particular University / Institute / Laboratory in the country will not be allowed to be transferred to any other University / Institute / Laboratory in the country, at any point, during the four-year tenure of the Fellowship.



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8. INTELLECTUAL PROPERTY & OTHER RIGHTS

- 8.1. CII and SERB do not possess any rights on any research / products / findings resulting from the above mentioned project. All publications / patents by the Fellow, arising from the work under this Fellowship must contain an acknowledgement of support from SERB, CII and supporting company.
- 8.2. Any dispute arising out of this will be taken care of by the Apex Council.
- 8.3. If the dispute remains unresolved then final arbitration will rest with Secretary, DST.

9. HOW TO APPLY (Sample Application Form given as Annexure 1)

- 9.1. Applications will be accepted only in online mode through the web portal www.primeministerfellowshipscheme.in
- 9.2. All candidates are advised to register on this portal for the required matchmaking with industry. Applications will be accepted only through this web portal
- 9.3. The scheme is open-ended and the scholars can apply anytime during the year subject to the condition that the research scholar should have taken admission in full-time PhD in last 14 months from the date of submission of applications in any recognized Indian University / Institute / Research Laboratory. In case of a different admission/enrollment date and registration date, the first date of PhD admission will be considered.

This scheme is not available for part-time research scholars.

- 9.4. The evaluation and selection can take place more than once during the year, depending on the application volumes. Interim selection can be done as required if sufficient applications are received
- 9.5. The updates on selection will be available online



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10. Frequently Asked Questions (FAQs)

Q. 1) How can I apply for this fellowship?

A) You can apply for this fellowship through the website
www.primeministerfellowshipscheme.in

Q. 2) What is the procedure for applying for the fellowship?

A) Following is a step-by-step guide for the application process:-

- Register as a student on the portal www.primeministerfellowshipscheme.in
- Download the Call for Proposal and Document Checklist
- Tie up with a company and get the required undertakings signed from a valid signatory in the company as well as in the host institute
- Collect all documents and make digital copies of each
- Fill the application form online (the form cannot be downloaded and requires net connectivity while filling)
- Submit application
- Do not send any physical copy of the application / documents to CII

Q. 3) How does the online application work?

A) Candidates need to refer to Annexure I in the Call for Proposal document which is available on the home page of the portal www.primeministerfellowshipscheme.in. All the required documents and details needed to be given should be collected before filling the online application.

Q. 4) I had filled the application online but before I could click on the 'Submit' button, my net connection snapped and my application was lost. Will I need to fill it again?

A) Yes, if all data is lost you will need to fill the form again. However, this is unlikely if you save your progress from time to time while filling up the form. A 'Save' option is provided in the online form. You can use this option to save all data you may have entered and can continue to fill the form later from the same step where you last left.

Q. 5) What is the timeline till which the application can be submitted? Will an additional hard copy, stamped / signed of the application required to be sent to CII?



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A) The scheme is open-ended and the scholars can apply anytime during the year subject to the condition that the research fellow should have taken admission in full-time PhD in last 14 months from the date of submission of applications in any recognized Indian University / Institute / Research Laboratory. In case of a different admission/enrollment date and registration date, the first date of PhD admission will be considered.

In case of any dispute regarding submission date, the decision of the Apex Council will be considered as final.

No hard copies of any kind need to be sent to CII; only soft copies are required to be uploaded as indicated in the form.

Q. 6) What are the requisite details an applicant needs to fill in?

A) Refer to Annexure I in Call for Proposal.

Q. 7) Can I apply if I do not have an industry partner? Will CII help in finding one?

A) Applications without industry partners will not be accepted by the online system. Candidates have to find industry partners on their own. CII facilitates match-making between research scholars and industry through the portal www.primeministerfellowshipscheme.in. All those who want to search for industry partners are requested to register themselves on this portal. Registration on this portal, however, will not guarantee that the candidate will find an industry partner. The relevance of their project for industry and the extent to which the candidate is able to convey their capability to the industry will determine whether they will find industry partners or not. The interested companies can evaluate the profile and contact the applicants if they find the proposal relevant.

Q. 8) How can I find relevant industry partners?

A) Candidates should talk to their research guides at the institute and find out about the relevant companies in that field. They can do their own research in and around them to find out the right companies and approach them. Candidates should also keep themselves abreast with the latest technologies, trends and companies working in their field. They should try to interact with industry people in their field as frequently as possible to trigger idea thrashing about a particular project.

Q. 9) If an applicant submits the form, can it be submitted again?



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A) Refer to point number 4 regarding saving progress. Candidates can review and re-review their forms any number of times before uploading them finally. Once uploaded, however, the form cannot be submitted again.

Q. 10) If I apply this year and am not able to get the scholarship this time, will I be allowed to apply next year?

A) Yes, you can apply as a fresh candidate with updated information, provided you satisfy all the eligibility conditions.

Q. 11) Will applicants get automated response to submission? Will somebody call from CII to confirm the receipt of application?

A) Applicants will get an automatic response at the submission of applications. They will not receive any calls from CII. In case you do not receive a system generated email regarding the submission of their application within 24 hours, the applicant must contact CII at ravi.hira@cii.in and cc Subhajit.poddar@cii.in & pm.scheme@cii.in

Q. 12) Which are the institutes where PM Fellows are doing their research?

A) Following are some of the institutes where PM Fellows are pursuing their PhD: Acharya Nagarjuna University, Academy of Scientific & Innovative Research, Alagappa University, Amity University, Anna University, Banaras Hindu University, Bidhan Chandra Krishi Viswavidyalaya, Hemchandracharya North Gujarat University, Institute of Chemical Technology, Indian Institute of Engineering Science and Technology, Indraprastha Institute of Information Technology, Indian Institute of Science, Indian Institutes of Technology, IIT Bombay - Monash University Research Academy, Indian Agricultural Research Institute, Manipal University, National Chemical Laboratory, National Institutes of Technology, PSG College, Punjab Agricultural University, Saurashtra University, Savitribai Phule Pune University, Tamil Nadu Agricultural University, Tata Memorial Hospital, Thiagarajar College of Engineering and Kurukshetra University

Q. 12) Which are the companies who are supporting PM Fellows in their research?

A) Following are some of the companies who are supporting PM Fellows in their research:

Abellon Clean Energy Limited, Applied Materials Inc., Arche Biologics, Autosys Engineering (P) Limited, Beauscape Farms, Bharat Forge Limited, Cadila Pharmaceuticals Limited, CYMK Inks LLP, Eaton Corporation, Envian Engineers Private Limited, EON Electric Limited, Forbes Marshall Private Limited, G.E. Motors



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Private Limited, GE India Technology Center Private Limited, General Mills India Private Limited, Godrej & Boyce Manufacturing Company Limited, Google India Private Limited, Hoganas AB, HPCL, IBIDEN Co. Limited, Infosys Limited, Intel Corporation - USA, Intel Technology India Private Limited, Jai Bharath Gum & Chemical Limited, Joegeetha Plastic Pipes, Kamineni Hospital Limited, K-Pack Systems Private Limited, Krish Biotech Research Private Limited, Maxim Crop Sciences Private Limited, Maxim Integrated – California, Microsoft Research, Morphing Machines Private Limited, NanoXpert Technologies, Natco Pharma Limited, NMDC, Nova-Surface Care Centre Private Limited, Nuziveedu Seeds Limited, Ozone Research and Application India Private Limited, P&G - Beijing, Persistent Systems Limited, Petrotech Society, Piramal Healthcare Limited, Prathista Industries Limited, Preca Solutions India Private Limited, Robert Bosch Engineering and Business Solutions Limited, Sahajanand Medical Technologies Private Limited, Sampurn Agri Ventures Private Limited, Shell India Markets Private Limited, Simco Global Technology & Systems Limited, Skymax Research & Regulations, Solar Agrotech Private Limited, Sree Akzaya Dyeing, Strand Life Sciences, Suyog Nirmitti, Talga Resources Limited, Tata Chemicals Limited, Tata Steel Limited, The Punjab State Cooperative Milk Producers Fed Limited (Milkfed Punjab), Thermax Limited, Trichy Distilleries & Chemicals Limited, United Phosphorus Limited, Vaata Infra Limited, Varsha Bioscience and Technology, Verdentia Hybrid Seeds Private Limited, Xerox India Limited and Zim Laboratories Limited



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11. APPLICATION GUIDELINES

Applications will only be accepted in online format through the web portal www.primeministerfellowshipscheme.in. Project Proposals will include both a technical component and a plan of how the same will be executed. The technical as well as the execution components should describe the innovation, outline the proposed technical approach and contain a research plan. The proposal will also provide a description of the institutions and the industry and other participants along with detailed resumes of key project personnel. Please refer to the following to get a better understanding of what will be covered in the application form:

- 11.1. The application process will be online.
- 11.2. Applications with project proposals minus an industry partner will not be considered for evaluation. Scholarships will be given only if there is an industry sponsor. There can be two ways to get an industry to sponsor:
 - 11.2.1. The Fellow can approach a company and get it to sponsor him / her before applying.
 - 11.2.2. The industry can reach out to a Fellow and propose to sponsor his / her research and get the PhD Fellow to apply for the scheme.
- 11.3. For each project there will also be an industry mentor for the PhD Fellow who will be the Co-supervisor / Co-guide.
- 11.4. No overheads will be given to the institute where the full-time PhD Fellow will be enrolled.
- 11.5. Before the start of the Fellowship, industry will be free to sign a Non-Disclosure-Agreement with the candidate and his / her institute, in view of the sharing of the company's data and/or other resources by the candidate.
- 11.6. Publication of Results: Successful candidates will be informed through emails. The list of final candidates will also be put up on the website of SERB and CII.
- 11.7. Administrative and Legal requirements to be addressed by the Institute Partner, Industry Partner and the Fellow under the Scheme while signing the Memorandum of Understanding:



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- 11.7.1. Confederation of Indian Industry (CII) will be the implementing agency of the scheme. It will disburse the amount to the institute on a half yearly basis and the institute in turn will pay to the research Fellow.
- 11.7.2. The institute will disburse the scholarship to the candidate on a monthly basis.
- 11.7.3. The company supporting the research and SERB will deposit the scholarship amount of four years per candidate with Confederation of Indian Industry (CII) on yearly basis.
- 11.7.4. It will be the responsibility of the Fellow to get the MoU signed from institute and industry and send the copies for signing to CII. CII will keep one copy of the MoU and return three copies back to the candidate.
- 11.7.5. Refer to Annexure II for details of administrative and legal requirements for all four parties as per the MoA.

12. SUPPORTING DOCUMENTS REQUIRED WITH APPLICATION FORM

- 12.1. Undertaking from Research Supervisor and Head of the Organisation / Institute / University as per format given in Application Form
- 12.2. Undertaking from Industry Partner in the research project as per format given in Application Form
- 12.3. Attested Copies of Certificates / degrees acquired by Fellow till date including PhD Registration Certificate
- 12.4. Profiles / CVs
 - 12.4.1. Student
 - 12.4.2. Academic Guide (with publication and research project details)
 - 12.4.3. Industry Mentor
 - 12.4.4. Partner Company
 - 12.4.5. Institute
- 12.5. Passport Size Picture
- 12.6. Publications



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PRIME MINISTER'S FELLOWSHIP FOR DOCTORAL RESEARCH *A PPP Initiative of Science & Engineering Research Board (SERB) and Confederation of Indian Industry (CII)* **IN THE AREAS OF** **SCIENCE, TECHNOLOGY, ENGINEERING, AGRICULTURE & MEDICINE**

- 12.7. Research Synopsis
- 12.8. Uniqueness of the research proposition
- 12.9. List of Applicant's Publications
- 12.10. Partner Company Balance Sheet
- 12.11. Partner Company Cash flow statement (For SMEs and Start-ups)

13. IMPORTANT DATES AND DEADLINES

Last date of Online Submission of Application Form	Anytime within 14 months from initial admission in PhD
Announcement of Results	Updates on website
Signing of MoUs between PhD Fellows, Industry and Institutes	Within the time-period specified in the selection mail
Release of Fellowship amount to Research scholar	From April (or Month specified in the selection mail) of each year on a monthly basis

14. MANAGEMENT OF THE SCHEME

- 14.1. The Confederation of Indian Industry (CII) is the implementing agency of the scheme.
- 14.2. The company supporting the research will deposit the scholarship amount of four years per candidate with CII on yearly basis.
- 14.3. CII will disburse the amount to the institute on a half yearly basis and the institute in turn will pay to the research Fellow.
- 14.4. The continuation of the Fellowship will be based on the yearly review and recommendations from the industry and the institute.



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CONTACT INFORMATION

Confederation of Indian Industry

Mr Ravi Kumar Hira

Executive Officer – Education

5th Floor, Mantosh Sondhi Center

23, Institutional Area, Lodi Road,

New Delhi – 110 003, India

T: 91 11 45771000

M: +91 9953610622

E: ravi.hira@cii.in

Subhajit.Poddar@cii.in

pm.scheme@cii.in

E: shalini.charma@cii.in



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Annexure I: SAMPLE APPLICATION FORM

NOTE: This is a sample form only. The complete form is available online. Register on the portal as a student to access and fill the Application Form

Personal Details

1. Prefix

- Mr
- Ms

2. Gender

- Male
- Female

3. First Name

Middle Name

Last Name

4. Email

5. Mobile Phone

6. Date of Birth

<<Calendar>>

7. Father's full name

8. Complete Permanent Address



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Address Line

City

State

Pin Code

9. Complete Postal Address

Address Line

City

State

Pin Code

10. Marital status

- Married
- Unmarried

11. Nationality

- Indian
- Other

13. Recent Passport Size Picture

<<Attachment option>>

Details of PhD

1. Date of Admission in PhD

<<Calendar>>

(Note: A candidate can apply to PM Fellowship if she/he has been admitted in PhD for not more than 14 months from the date of submission of application. In case of a different admission / enrollment date and registration date, the first date of PhD admission will be considered.)

2. PhD Admission Certificate

<<Attachment option>>

3. Date of Registration in PhD



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This date may be the same as admission date in case of some institute / university rules

(Note: A candidate can apply to PM Fellowship if she/he has been admitted in PhD for not more than 14 months from the date of submission of application. In case of a different admission/enrollment date and registration date, the first date of PhD admission will be considered.)

<<Calendar>>

4. PhD Registration Certificate

<<Attachment option>>

5. Institute where enrolled / registered in PhD

6. University*

7. Nature of PhD enrolled / registered in

- Full-time
- Part-time



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8. Complete Hostel Address

Address Line

City

State

Pin Code

9. Broad Research Area

Options: Chemistry, Earth & Atmospheric Sciences, Engineering, Life Sciences, Mathematics and Physics

10. Sub-classification of Research Area (E.g. Chemical Engineering, Horticulture, Cancer)

11. Research Topic / Title (Maximum 30 words)

12. Research Problem Synopsis

Note: Please write only a brief version of your research problem (maximum 300 words) highlighting the goals and objectives of your research

13. List of publications



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Educational Details

Details of 10th Board

1. Board

- CBSE
- ICSE
- State Board (Please Specify)
- Other (Please Specify)

2. Subjects taken

3. Year of passing

<<Year drop-down>>

4. % marks / grade/ GPA obtained

5. Scan of 10th Certificate

<<Attachment option>>

Details of 12th Board

1. Board

- CBSE
- ICSE
- State Board (Please Specify)
- Other (Please Specify)



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2. Subjects taken

3. Year of enrolment

<<Year drop-down>>

4. Year of passing

<<Year drop-down>>

5. % marks / grade/ GPA obtained

6. Scan of 12th Certificate

<<Attachment option>>

Details of Graduation Degree

1. Name of Graduation Degree

2. Type of Graduation Degree

- Regular (3 or 4 years)
- Integrated (5 years)

3. Specialisation / Subject



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4. Marks / CGPA Obtained

5. Institute

6. University*

7. Year of enrolment

<<Year drop-down>>

8. Year of passing

<<Year drop-down>>

9. Scan of Graduation Certificate

<<Attachment option>>

- I have taken admission in PhD directly after my graduation.

Details of Post-Graduation Degree*

1. Name of Post-Graduation Degree

2. Specialisation / Subject

3. Marks / CGPA Obtained

4. Institute



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5. University*

6. Year of enrolment

<<Year drop-down>>

7. Year of passing

<<Year drop-down>>

8. Scan of Post-Graduation Certificate

<<Attachment option>>

Details of Other Degree / Diploma*



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1. Name of Other Degree / Diploma

2. Specialisation / Subject

3. Marks / CGPA Obtained

4. Maximum Marks / CGPA

5. Institute

6. University*

7. Year of enrolment

<<Year drop-down>>

8. Year of passing

<<Year drop-down>>

9. Scan of Other Degree / Diploma Certificate

<<Attachment option>>



Call for Joint Applications from PhD Scholars and Industry

PRIME MINISTER'S FELLOWSHIP FOR DOCTORAL RESEARCH A PPP Initiative of Science & Engineering Research Board (SERB) and Confederation of Indian Industry (CII) IN THE AREAS OF SCIENCE, TECHNOLOGY, ENGINEERING, AGRICULTURE & MEDICINE

Host Institute (PhD) Details

1. Name of Institute where Registered for PhD

2. Name of Department

3. Address of the PhD institute

Address Line

City

State

Pin Code

4. PhD institute (phone with STD code)

City STD Code

Phone Number

5. PhD institute website

6. Profile of Host institute

<<Attachment option>>



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Academic Guide Details

1. Name of the 1st Supervisor / Research Guide for PhD

Prefix

Full Name

2. Mobile Number of Research Guide

3. Email ID of Research Guide

4. Bio-data of PhD Supervisor, not exceeding 3 pages

<<Attachment option>>

5. Name of the 2nd supervisor / research guide for PhD

Prefix

Full Name

Partner Company Details

1. Name of Partner Company

2. Partner Company Website

3. Address of the Partner Company

Address Line

City

State

Pin Code



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4. Annual Turnover of Partner Company*

5. Partner Company Latest Balance Sheet and P&L Statement

<<Attachment option>>

6. Partner Company Logo

<<Attachment option>>

7. Partner Company Profile

<<Attachment option>>

Industry Mentor Details

1. Name of the Industry Mentor

Prefix

Full Name

2. Mobile Number of Industry Mentor

3. Email ID of Industry Mentor

4. Designation of the Industry Mentor

5. Address of the Industry Mentor

Address Line

City

State

Pin Code



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6. Industry Mentor phone with STD code

City STD Code

Phone Number

7. Bio-data of Industry Mentor, not exceeding 3 pages

<<Attachment option>>

Current Employment / Fellowship Details

1. Currently availing any fellowship?

- Yes
- No

Note: If you check 'No', points 2 & 3 do not apply

2. Name of the agency providing fellowship

3. Are you interested in switching over from present fellowship to the PM's Fellowship for Doctoral Research?

- Yes
- No

4. Are you currently employed in some job/ assignment?

- Yes
- No

Note: If you check 'No', points 5, 6, 7 & 8 do not apply



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5. Name of the employer

6. Job / assignment description / designation

7. Address of current employer

Address Line

City

State

Pin Code

8. Specify any previous employments

Name of Employer Organisation

Designation

Duration of Job

<< Calender >>

Undertakings & Other Documents

1. Undertaking from the Research Supervisor and Head of the Organization of the Institute / University
<<Attachment option>>
2. Undertaking from the Industry Partner in the Research Project
<<Attachment option>>
3. Letter from the Industry Partner (on company's letterhead) on the research problem and the future plans for implementation, if any*



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<<Attachment option>>

4. Do you have any gaps between your educational qualifications?

- Yes
- No

Note: If you check 'No', point 5 does not apply

5. Check all the qualifications between which you have gaps and specify the gap duration and reasons?

- Before 10th
- Between 10th & 12th
- Between 12th & Graduation
- Between Graduation & Post-Graduation
- Before PhD
- Any Other (Please specify)

Declaration



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It is certified that all Information given by me is true to the best of my knowledge. If any Information were to be found incorrect or false, I am aware that my application and Fellowship are liable for cancellation.

- Agree
- Disagree

Upload Documents

Note: the following documents will be required to be uploaded while filling the online application form.

1. Recent Passport Size Picture
2. PhD Enrolment/Admission Certificate
3. PhD Registration Certificate
4. 10th Certificate
5. 12th Certificate
6. Graduation Certificate
7. Post-Graduation Certificate
8. Scan of Other Degree / Diploma Certificate
9. Profile of host institute
10. Bio-data of PhD Supervisor, not exceeding 3 pages
11. Partner Company Logo
12. Profile of Partner Company
13. Partner Company Latest Balance Sheet and Profit & Loss Statement
14. Bio-data of Industry Mentor, not exceeding 3 pages
15. Undertaking from the Research Supervisor and Head of the Organization of the Institute / University*
16. Undertaking from the Industry Partner in the Research Project*
17. Letter from the Industry Partner (on company's letterhead) on the research problem and the future plans for implementation, if any
18. List of Applicant's Publications
19. Detailed Research Synopsis



Science & Engineering Research Board
Department of Science & Technology

Government of India



Confederation of Indian Industry

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Undertaking from the Research Supervisor and Head of the Organization of the Institute / University

It is certified that all the above information given by the applicant _____ son / daughter of _____ is correct and that he / she is enrolled in full-time PhD program since _____. We hereby convey our No-Objection towards his / her work under the Prime Minister's Fellowship for Doctoral Research.

Signature of the Research Supervisor

First Name Last Name
Date Place
Signature

Signature of the Director / Registrar / Vice-Chancellor of the Institute / University

First Name Last Name
Date Place
Signature



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Undertaking from the Industry Partner

This is to certify that _____ (registered name of the company) is interested in partnering with _____ (name of the PhD Fellow) who is enrolled with _____ (name of the institution) for doing research on the topic _____ (broad topic mutually identified by the candidate and industry). The company agrees to provide a matching equivalent of SERB grant (up to Rs 6 lakh per annum at current slabs, for a maximum period of four years, subject to yearly evaluation and revision as per Government slabs) to the candidate. The designated Industry Mentor for this project from this company will be _____ (name of the Industry mentor). The Intellectual Property rights arising from this research will be on mutually agreed terms among the parties. The candidate will be allowed to attend classes and pursue academic part of the curriculum as required by the norms of the institute. He / she will be given access to the resources as deemed fit by the industry, as required for the research work. The company reserves the right to sign IPR agreement along with a non-disclosure agreement with the candidate, research guide/mentor and institute.

Signature of Industry Mentor / Authorized Signatory

Place

Date

Signature of Assigned Industry Mentor

Place

Date



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Annexure II

Sample Memorandum of Understanding which selected candidates will be required to sign with their institute, industry partner and CII. The dates and relevant details will need to be changed accordingly



Memorandum of Agreement
between
Confederation of Indian Industry (CII),
<Candidate Name> ,
<Industry Name> ,
and
<Institute Name>
for

Implementation of the “Prime Minister’s Fellowship for Doctoral Research”, a joint initiative of CII and Science & Engineering Research Board (SERB), for <candidate name> enrolled for full-time PhD at <institute name>, starting <<DD/MM/YYYY>> for a maximum period of four years.

This MoU is made by and between:

- a) **CONFEDERATION OF INDIAN INDUSTRY (CII)**, an apex body of Industries, which has its headquarters at the Mantosh Sondhi Centre, 23, Institutional Area, Lodi Road, New Delhi – 110003, hereinafter referred to as “CII”

and

- b) **< Candidate name >**, a <<PhD Enrollment Month and Year>> enrolled full-time PhD student at <institute name> who has been recommended by the Apex Council of the “Prime Minister’s



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Fellowship for Doctoral Research” for the <<Batch Number>> batch of fellowships starting <<DD/MM/YYYY>> for a maximum period of four years, hereinafter referred to as “Candidate”.

and

c) < **Industry Partner name** >, a company headquartered at < **to be filled by the company** >, which has agreed to provide a financial grant and necessary technical guidance on the research topic of the candidate under the Prime Minister’s Fellowship for Doctoral Research starting <<DD/MM/YYYY>>, hereinafter referred to as “Industry”.

and

d) < **Institute name** >, the institute where the said candidate is enrolled to pursue full-time PhD under the supervision of the guide assigned by the institute, hereinafter referred to as “Institute”.

4 Background of Scheme

Public-Private-Partnership (PPP) for human resource capacity building for industrial R&D has been recognized as one of the main deliverables by a Sub-Committee of Prime Minister’s Council on Trade & Industry. One of the recommendations that emerged from the private sector is to design, develop and implement a doctoral research scheme in PPP mode for enhancing trust level in academia, research outfits and industry.

Vide Prime Minister’s Office ID No–3646245/2012-ES-II dated 2nd November 2012, the Prime Minister’s Office approved the proposal of naming the SERB-CII Doctoral Fellowship Scheme as “**Prime Minister’s Fellowship for Doctoral Research**”.

On 8th November 2012, the scheme was launched at AICTE-CII University-Industry Congress & 4th Global Higher Education Summit held in New Delhi. The “Prime Minister’s Fellowship for Doctoral Research” is being implemented jointly by Science & Engineering Research Board (SERB) and the Confederation of Indian Industry (CII). The scheme is run under PPP mode.

5 Nature of Support

Prime Minister’s Fellowship or PM Fellowship would be payable in following two components:



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- a) Government Component: The amount equivalent to the prevailing JRF/SRF rates along with HRA would be paid by SERB, Government of India as the first component
- b) Industry Component: The second component, matching the first component, would be paid by the sponsoring industry partner

The fellowship will be paid starting <<Start date of Fellowship>> and will be revised as per the JRF / SRF norms from time to time.

The industry component for the fellowship is also subject to revision as per changes in the Government component.

6 Objective of MoU

The objective of this MoA is to determine the roles and responsibilities of the four parties under the above stated scheme.

About the Project - to be filled by the candidate through mutual consultation with partner company and host institute

3.1	About the project	
3.1.1	Research Title as Approved by Apex Council	
3.1.2	Synopsis (up to 300 words)	
3.2	Expected yearly milestones	
3.2.1	1 st year (till <<Month>> 20..)	
3.2.2	2 nd year (till <<Month>> 20..)	
3.2.3	3 rd year (till <<Month>> 20..)	
3.2.4	4 th year (till <<Month>> 20..)	
3.3	Final output envisaged	

7 Roles and Responsibilities of the Parties

7.1 Confederation of Indian Industry (CII)



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- 7.1.1 Manage the scheme and act as the contact point for all communications.
- 7.1.2 Transfer the grant money to the candidate every month on receipt of the grant from SERB and industry contributors.
- 7.1.3 Plan and fix review meetings for project evaluation and provide other support for the success of the project.

7.2 <Company name>

- 7.2.1 Pay CII the yearly grant amount for the candidate by 25th February every year.
- 7.2.2 Pay CII the 10% management fees (plus 18% GST on management fee amount) yearly by 25th February every year.

The scholarship will be calculated based on JRF/SRF category and HRA norms applicable to the scholar in a particular year. The amount will be shared on email by CII after confirmation of JRF/SRF category of the scholar in the year by the academic guide. In case the research work gets over before the full four year tenure, management fee in the completion year (financial year) of the fellowship will be charged in full, irrespective of the number of months of scholarship grant paid in that year. The Grant amount will be charged as per the number of months requested based on the completion of PhD.

Methods of Payment:

Bank Transfer: The entire amount of yearly scholarship grant, which will be transferred on a monthly basis in the bank account of the student, and the 10% management fee of CII (plus 18% GST on management fee amount), can be transferred to CII through NEFT by 10th April every year and the details of the transfer (mentioning the UTR Number) along with the break-up of the payment should be emailed to CII to pm.scheme@cii.in. After the payment has been transferred, an email should be sent to CII sharing the UTR number of the transaction and stating the exact payment break-up of the payment in terms of research grant which the company has agreed to provide to the candidate and the



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project management fee of CII. Any TDS deducted should be mentioned and TDS certificate must be sent by email to CII.

The CII bank details are as under:

Name of Organisation	:	Confederation of Indian Industry
Address	:	The Mantosh Sondhi Center 23, Institutional Area, Lodi Road, New Delhi 110003
Constitution	:	Registered under Societies Act XXI of 1860
State	:	New Delhi
State code	:	07
PAN Number	:	AAATC0188R
TAN Number	:	DELC07910A
VAT Number	:	07850377383
Service Tax Number	:	AAATC0188RST004
GST Number	:	07AAATC0188R1ZB
ARN Number	:	AA0704170398232
Contact Person	:	Invoice : manisha.chawla@cii.in GST : dheeraj.jain@cii.in
Bank Account Details	:	Standard Chartered Bank Account No. 52205035775 IFSC : SCBL0036020 MICR : 110036002
Overseas Transfers	:	SWIFT code: SCBLINBB DEL IBAN No. (GBP): GB42SCBL60910451997017 IBAN No. (EUR): DE18512305000018506203 ABA No. (USD): 026002561 Sort Code (SCB London): 609104

Cheque Payment: Alternatively, cheque/ cheques (for the scholarship which will be transferred on a monthly basis in the bank account of the student and the management fee of CII (plus 18% GST on management fee amount), should be made in the name of **Confederation of Indian Industry** and sent at the CII office address.



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The cheque should have a **covering letter** stating that the exact payment break-up of the enclosed cheque/ cheques in terms of research grant which the company has agreed to provide to the candidate and the project management fee of CII. Any TDS deducted should be mentioned and TDS certificate must be sent by email to CII.

- 7.2.3 Monitor the candidate's research work.
- 7.2.4 Ensure the candidate adheres to the planned milestones.
- 7.2.5 Allow the candidate to pursue the PhD full time.
- 7.2.6 Evaluate the progress and provide letters of recommendation, upon satisfactory achievement of milestones, for the continuation of the candidate's fellowship.
- 7.2.7 Inform CII within 10 days in case of change of industry mentor.
- 7.2.8 Provide necessary expertise, technical guidance and support to the candidate.

7.3 <Institute name>

- 7.3.1 Ensure the candidate is not availing any other fellowship / salary apart from the Prime Minister's Fellowship.
- 7.3.2 Research guide from the assigned academic institute should monitor the candidate's research work and ensure the candidate adheres to the planned milestones.
- 7.3.3 Research guide to inform CII in case the candidate is not meeting the expected targets / not dedicating sufficient time or effort to the project / applying for leaves / travelling for research work / internships.
- 7.3.4 Inform CII within 10 days in case of change of academic guide.
- 7.3.5 Inform CII in case the candidate wishes to terminate his / her fellowship prematurely for personal, professional or other reasons.
- 7.3.6 Appoint a point person for coordinating the management of this scheme with CII.

7.4 <Candidate name>

- 7.4.1 Observe good practices in relation to data management, protection and security.
- 7.4.2 Submit annual progress report by end of every year.



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- 7.4.3 Inform CII in case of change in contact information.
- 7.4.4 Submit the certificate on quarterly basis in the form of undertaking that he /she is not in availing any other benefit other than the given scheme or is not carrying out any other assignment than the subject research project failing which he / she will be liable for action as per the discretion of CII.
- 7.4.5 Acknowledge the contribution of SERB, DST, Government of India and CII in facilitating their research in all publications, presentations and any work related to research under the Fellowship.

8 Intellectual Property

<To be added after mutual consultation among parties except CII>

9 Yearly Review Mechanism

- 9.1 The yearly review of the project will be done every year.
- 9.2 The candidate will submit a progress report, by end of every year, signed by the research guide and industry mentor with their respective letters of recommendation for the continuation of the grant.
- 9.3 The progress report to include:
 - 9.3.1 Progress with reference to experimental work giving details of experimental setup, methods adopted, data collected (supported by necessary tables, charts, diagrams and photographs).
 - 9.3.2 Summary of achievements as per the yearly milestones mentioned in this MoA. Additionally can also mention about any new findings/ significant developments etc.
 - 9.3.3 Work remaining to be undertaken.

10 General

- 10.1 The Prime Minister's Fellowship for Doctoral Research for the candidate starts from <<DD/MM/YYYY>> and is for a maximum period of four years thereafter.
- 10.2 The scholarship money will be transferred to the candidate's account by the end of every month by CII.



Call for Joint Applications from PhD Scholars and Industry

PRIME MINISTER'S FELLOWSHIP FOR DOCTORAL RESEARCH

A PPP Initiative of Science & Engineering Research Board (SERB) and Confederation of Indian Industry (CII)

IN THE AREAS OF

SCIENCE, TECHNOLOGY, ENGINEERING, AGRICULTURE & MEDICINE

- 10.3 The scholarship money transferred to the candidate will be for the previous month.
- 10.4 Recipients of Prime Minister's Fellowship must acknowledge the contribution of SERB, DST, Government of India and CII in facilitating their research in all their publications, presentations and any work related to their research under the Fellowship.
- 10.5 Any dispute arising out of this will be taken care of by the Apex Council for the Prime Minister's Fellowship for Doctoral Research. If the dispute remains unresolved then final arbitration will rest with Secretary, DST.
- 10.6 The Prime Minister's Fellowship shall be tenable for a maximum period of four years or completion of the PhD programme (i.e. till the final defence of the PhD thesis), whichever is earlier.
- 10.7 Should the Fellow be unable for medical reasons to pursue his / her studies in accordance with the Terms and Conditions of the Fellowship, he / she must inform CII within two weeks of such a situation coming to his / her attention. In such situations, CII will have the right to defer (for a maximum period of nine months) or close the Fellowship.
- 10.8 SERB and CII reserve the right to revise the Terms and Conditions of this scheme at any time.
- 10.9 Neither SERB, nor CII or Apex Council or the Government of India can be held legally liable for breach of trust by candidates, institute or industry.
- 10.10 The Fellowship would stop if the industry expresses disinterest or ceases to continue its financial support to the candidate under the Prime Minister's Fellowship for Doctoral Research.

IN WITNESS WHEREOF the parties hereto have put their hands on the day _____, month _____ and year _____ aforementioned at New Delhi.

1st Party

2nd Party

3rd Party

4th Party

On behalf of CII

Candidate

On behalf of company On behalf of institute



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IN THE AREAS OF

SCIENCE, TECHNOLOGY, ENGINEERING, AGRICULTURE & MEDICINE

Name:

Name:

Name:

Name:

Designation:

s/d/o:

Designation:

Designation: