M.S (Research)/Ph.D. Admissions
Information Brochure - July 2022 Intake

भारतीय प्रौद्योगिकी संस्थान तिरुपति

IIT
TIRUPATI

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI

TIRUPATI - 517506

Important Dates

Opening date for online application	21.03.2022 (Monday)
Closing date for online application	18.04.2022 (Monday)
Written Test/ Interview	19.05.2022 to 31.05.2022
Announcement of Results	Within three days from the date of the interview
Joining date of candidate	26.07.2022 (Monday)
Commencement of Classes	01.08.2022 (Monday)

Important Note

An appropriate decision will be taken by the Dean (Academics) for specific cases which are not covered or made clear in this document, after careful examination. His/her decision on the matter will be final.

Important Guidelines for Ph.D. & M.S. (Research) Application

1. Please read the instructions given in the admission brochure carefully before filling the application form.

2. Online application form is available on the Institute's website http://admissions.iittp.ac.in/. After filling the form, please take a printout and keep it for record purpose.

3. **The application fee is as follows:**
   GN/EWS/OBC-NCL Male candidates   :   Rs.400/-
   GN/EWS/OBC-NCL Female candidates   :   Rs.200/-
   SC/ST and PwD candidates   :   Rs.200/-

   Application Fee is Non-refundable. Application fee is payable through SBI Collect only (Click here to pay). Please ensure to save the payment reference number.

4. A candidate can apply to more than one department, however a separate application should be submitted. The maximum number of departments to which he/she can apply will be three.

5. Candidates called for written test/interview must bring with them printed copy of the application that they submitted online along with originals and photocopies of the relevant certificates.

6. Reservation/concession/relaxations for EWS/OBC/SC/ST/PwD and Kashmiri- Migrants (KM), including Kashmiri Pandits/Kashmiri Hindu Families: As per the Government of India rules. A valid OBC-NCL/ST/SC/EWS/PwD Certificate must be uploaded with the ONLINE application and submitted at the time of admission.

7. Statement of Purpose (SoP) should be prepared in the format as mandated by the respective department. The details are given in Para (7) of this document.

8. Candidates must submit all the self-attested copies of the relevant certificates as specified in Para (8) on or before 26.07.2022, failing which admission will stand cancelled.

9. Please make all files ready with following format and size before going to file upload:
   1. Passport size Photo (jpg, jpeg, png), size <=1024 KB
   2. Signature (format jpg, jpeg, png) size <= 1024 KB
   3. 10th Certificate (pdf) size <=1024 KB)
   4. 12th/ Diploma/Equivalent Certificate (pdf) size <=1024 KB
   5. Qualifying UG Degree Certificate and Consolidated marksheets in a single pdf, size <=3072 KB
   6. Qualifying PG Degree Certificate and Consolidated marksheets in a single pdf, size <=3072 KB
   7. Community Certificate if applicable (pdf) size <= 1024 KB
   8. Applicable National Level Exams (pdf) each size <= 2048 KB
   9. Proof of Employment/NOC/Undertaking (External only) (pdf) size <=1024 KB
   10. SoP/Research Proposal if applicable (pdf) size <=1024 KB

10. Please visit the institute's website regularly for important announcements and results.

1. About the Institute

Indian Institute of Technology Tirupati (IIT Tirupati) is incorporated under the Institutes of Technology Act, 1961 and having its temporary campus at Renigunta Road, Settipalli Post, Chittoor District, Andhra Pradesh - 517506 and permanent campus at Yerpedu-Venkatagiri Road, Yerpedu Post, Chittoor District, Andhra Pradesh-517619. It is the first among the 3rd phase of Indian Institutes of Technology, announced in 2014, to have its foundation stone laid in March 2015. IIT Tirupati started functioning with the support of its mentoring institute, IIT Madras, from the academic year of 2015-16. IIT Tirupati is currently offering the programmes – B.Tech, M.Tech, M.Sc, M.S(Research) and Ph.D. IIT Tirupati has nine departments – Civil & Environmental Engineering, Computer Science & Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Mathematics & Statistics, Physics, Chemistry and Humanities & Social Sciences. The pedagogy is aimed at nurturing innovation, creativity, quality, teamwork, communication skills, ethics, and societal interaction.

2. Categories of Admission

M.S.(Research)/Ph.D. admissions are made under two categories:

a. Regular (Full-time scholars) - Under regular registration a scholar can be selected under 1) Institute HTRA, 2) Project funding. For Ph.D. programmes external fellowships from CSIR/UGC/INSPIRE etc., also shall be considered.

b. External - Research scholars under the external registration programme, sponsored by and employed in industry/organisation/national laboratories having R&D facilities and recognition by DST or by IIT Tirupati. A Research Scholar under the external registration programme will normally carry out part or all of his/her research work in the industry/organization/national laboratory employing the scholar under the supervision of a co-guide employed in the same organization and a guide at IIT Tirupati. The candidate must have at least two years' experience in the parent organization.

3. Research Areas

Prospective candidates are required to select the research areas on the online portal as per the availability in the respective category/scheme. Research areas selected other than those available in the respective category/scheme will not be considered.

3.1 Ph.D.

A) *Chemical Engineering:*
Machine Learning in Process Engineering, Process Control and Optimization, Process Planning & Optimization, Molecular Simulations for Energy Storage, Nanoscience & Nanotechnology, Granular Flow, Colloids & Interfaces, Food Technology, Bioprocess Engineering, Biomass to Chemicals, Microfluidics & Process Intensification, Polymerization Reactions, General Chemical Engineering

B) *Civil and Environmental Engineering:*
Regular Scheme
Geotechnical engineering, Multi-temporal SAR Interferometry, Geoid modelling, Concrete 3D printing, Composites in pavements, Artificial Intelligence applications in pavement asset management, Air quality modelling and management
Project (MoRTH) Scheme
Asphalt-rubber pavement technology
Project (IITT- University of Sharjah collaboration) Scheme
Thermophysical properties of pervious concrete

C) Computer Science & Engineering:

Computer Architecture, AI Accelerator, Reinforcement Learning, AI for Software Engineering, Software Engineering for AI, Computing for Education, Human- Computer Interaction, Parallel Computing*, Algorithms and Data Structures*, Data Science Algorithms and Applications*, Computer Networks*, Internet of Things*, ML for IoT*, Computational Complexity*

(''only for UGC-NET/INSPIRE or any other external fellowship qualified candidates with JRF in the relevant discipline(s) and External candidates)*

D) Electrical Engineering:

Semiconductor Devices, Power Electronics and Drives, Wireless Communications and Networks, RF& Microwave, Deep Learning for computer vision, Power Engineering and Smart Grids

E) Mechanical Engineering:

Fluids and Thermal: Fluid Mechanics, Droplet and spray dynamics

Solid Mechanics: Experimental and Computational Mechanics, Nonlinear dynamics*, Vibration*, Contact Mechanics*, Automotive NVH*, Vehicle dynamics*, Vehicle-Pavement Interaction*, Acoustics*

Mechatronics and Robotics: Autonomous systems, Dynamics and Control, Mechatronics; Design, dynamics and control of robots, Nonlinear dynamics, Vibration

Manufacturing*: Micromachining, Additive Manufacturing, Biomaterials and Cell Culture, 3D Bio-printing, Advanced Machining Processes, Manufacturing Materials Optimization, Design for Recovery, Reuse, Remanufacturing & Recycling, Advanced casting, Distortion analysis of welded structures, functionally graded materials development for aerospace applications

(''only for Project scheme)*

F) Chemistry:

Inorganic Chemistry: Coordination Chemistry, Bioinorganic Chemistry, Supramolecular Chemistry, Materials Science, Chemical Biology*

Organic Chemistry: C-H bond activation and photo/electro organic synthesis*, Carbohydrate Chemistry, Total synthesis of natural products, 3d-transition metal catalysed organic transformation

Theoretical Chemistry*: Spectroscopic modelling, Computational biophysics, Computational Materials Chemistry, Stochastic thermodynamics, Noise induced transport phenomena

*[these topics are (a) for UGC-CSIR/NET-JRF/INSPIRE or any other fellowship qualified candidates with JRF OR (b) covered under external project grants.]

G) Physics:

Quantum sensing and metrology (Experimental), Atomic clocks (Experimental), Quantum Optics (Experimental), Ultracold quantum chemistry (Experimental), Theoretical ultrafast physics, condensed matter physics (experiment+theory), Astroparticle Physics (Theoretical), High Energy Physics Phenomenology, Plasma modelling and diagnostics* (experiment and theory)

(''only for UGC/CSIR-NET/INSPIRE/JEST or any other external fellowship qualified candidates with JRF in the relevant discipline(s) and External candidates)*

H) Mathematics and Statistics

Analysis on Fractals, Inverse Problems*, Spatio Temporal Model*, Environmental Statistics*, Computational Fluid Dynamics*, Numerical Analysis*, GPU Computing*

(''only for UGC/CSIR-NET/INSPIRE/NBHM or any other external fellowship qualified candidates with JRF in the relevant discipline(s) and External candidates))*

I) *Humanities and Social Sciences*

English: Indian literature, Hindi Cinema, Gender Studies, Conflict Studies, Migration Studies in South Asia, Comparative Literary Studies*, Indian Theories of Language/Literature*, Indian Folk Culture and Religion*, South Asian Literature*

Public Policy: Sustainability, Environmental Policy, Environmental Governance, Human-environmental interactions

Organisational Behaviour/Human Resource Management: High performance work systems, Sustainable HRM, Leadership, Positive Organisational Behaviour

Finance: Asset Pricing, Corporate Finance, Quantitative Finance

Economics*: Climate Change, environmental economics, Natural Resource Management, Development economics, Political economy

Philosophy*: Ethics, Political Philosophy, Modern Indian Philosophy

(*'*' only for UGC-JRF or any other external fellowship qualified candidates with JRF*)

3.2 M.S.(Research)

A) *Chemical Engineering:*
Machine Learning in Process Engineering, Process Control and Optimization, Process Planning & Optimization, Molecular Simulations for Energy Storage, Nanoscience & Nanotechnology, Granular Flow, Colloids & Interfaces, Food Technology, Bioprocess Engineering, Biomass to Chemicals, Microfluidics & Process Intensification, Polymerization Reactions, General Chemical Engineering

B) *Civil Engineering:*
Regular Scheme
Geotechnical engineering, Multi-temporal SAR Interferometry, Geoid modelling, Concrete 3D printing, Composites in pavements, Artificial Intelligence applications in pavement asset management, Air quality modelling and management.
Project (MoRTH) Scheme
Asphalt-rubber pavement technology
Project (IITT- University of Sharjah collaboration) Scheme
Thermophysical properties of pervious concrete
Project (ISRO) Scheme
Forest Hydrology

C) *Computer Science & Engineering:*
Parallel Computing, Algorithms and Data Structures, Computer Architecture, AI Accelerator, Reinforcement Learning, Computational Complexity, AI for Software Engineering, Software Engineering for AI, Computing for Education, Human- Computer Interaction, Data Science Algorithms and Applications*, Computer Networks*, Internet of Things, ML for IoT*
(*'*'only for External candidates*)

D) *Electrical Engineering:*
Semiconductor Devices, Deep Learning for computer vision, Power Engineering and Smart Grids

E) *Mechanical Engineering:*
Fluids and Thermal: Fluid Mechanics, Droplet and spray dynamics.
Solid Mechanics: Experimental and Computational Mechanics, Nonlinear dynamics*, Vibration*, Contact Mechanics*, Automotive NVH*, Vehicle dynamics*, Vehicle-Pavement Interaction*, Acoustics*
Mechatronics and Robotics: Autonomous systems, Dynamics and Control, Mechatronics; Design, dynamics and control of robots, Nonlinear dynamics, Vibration
Manufacturing*: Micromachining, Additive Manufacturing, Biomaterials and Cell Culture, 3D Bio-printing, Advanced Machining Processes, Manufacturing Materials Optimization, Design for Recovery, Reuse, Remanufacturing & Recycling, Advanced casting, Distortion analysis of welded structures, functionally graded materials development for aerospace applications.
(*'*'only for Project scheme*)

4. Eligibility:

4.1 Ph.D. in Engineering

(a) Candidates with a Master's degree in Engineering/Technology or a Master's degree by Research in Engineering/Technology with a good academic record.

(or)

(b) Candidates with Master's degree in Sciences with a good academic record and of exceptional merit are eligible for the relevant Engineering discipline. They should have a valid GATE score or UGC/CSIR-NET or equivalent qualification in the relevant area tenable for the year of registration.

(or)

(c) Candidates who have qualified for the award of Bachelor's degree in Engineering/Technology or Master's degree in Sciences (entry through JAM) from any Indian Institute of Technology (IITs) with an exceptionally good academic record in an eligible discipline will be considered for direct admission to Ph.D. provided he/she has a minimum CGPA of 8/10.

(or)

(d) Candidates with 5- year integrated BS+MS degree from any CFTI. Candidates with an integrated Masters/Dual Degree in Engineering/Technology.

4.2 Ph.D. in Sciences

(a) Master's degree in Sciences with a good academic record and having a valid score in GATE or CSIR/UGC-NET(JRF/LS)/NBHM/INSPIRE/JEST or equivalent qualification tenable for the current year in the relevant area.

(or)

(b) Master's degree holders in Engineering/Technology and Master of Science(Research) are also eligible.

(or)

(c) Candidates who have qualified for the award of Bachelor's degree in Engineering/Technology or Master's degree in Sciences (entry through JAM) from any Indian Institute of Technology (IITs) with an exceptionally good academic record in an eligible discipline will be considered for direct admission to Ph.D. provided he/she has a minimum CGPA of 8/10.

(or)

(d) Candidates with 5- year integrated BS+MS degree from any CFTI. Candidates with an integrated Masters/Dual Degree in Engineering/Technology from any university/institute.

4.2 Ph.D. in Humanities and Social Sciences

Master's degree in an eligible discipline with a good academic record or equivalent and having a valid GATE score or UGC/CSIR-NET or equivalent qualification tenable for the current year in the relevant area.

* A valid score of GATE or UGC/CSIR-NET/INSPIRE etc. shall not be required in the case of external registrations for all Ph.D. programmes.

4.3 M.S. (Research)

(a) Candidates with a Bachelor's degree in Engineering/Technology or a Master's Degree (M.Sc / MCA etc.) in the relevant discipline with valid GATE score.

(b) Candidates having Associate Membership of the following professional bodies are also eligible for admission to the M.S. programme of their parent discipline provided they have a valid GATE score and have passed both part A and part B of the Membership examinations with a good academic record: The Institution of Engineers (India) (Civil/Mechanical/Electrical and Electronics/Electronics and communications), The Institute of Electronics and Tele-Communication Engineering.

(c) Engineering graduates from IITs with a minimum CGPA of 8/10 are eligible for seeking admission, without GATE score and they can be offered HTRA, if selected.

A GATE Score shall not be required in the case of external registrations for all M.S(Research) programmes.

5. Financial Assistance:

Assistance will be as per Ministry of Education(MoE) norms. Fulltime Scholars admitted to Ph.D. and M.S (Research). programmes are eligible for the Half-time Teaching/Research Assistantship (HTRA) for which:

(a) They should work for 8 hours per week for the Institute to earn this assistantship. The work would normally involve assistance in teaching/research, and will be assigned by the Institute.

(b) Renewal of assistantship every semester will be contingent on enrolment, satisfactory progress in research work and good performance during the preceding semester in the discharge of responsibility as teaching/ research assistant.

Other scholarships like UGC-JRF, CSIR-JRF, ICMR & AICTE etc. may also be available for those who have qualified for these schemes and get admission and the amount of fellowship will be as per the norms of the funding agency.

6. Selection Procedure:

The Selection Committee will call eligible candidates possessing the minimum educational qualifications and satisfying additional and stiffer criteria set from time to time, for an interview and/or test.

Based on the academic record and the performance of the candidates in the interview and/or test, the Selection Committee will recommend to the Chairman, Senate the names of candidates found suitable for admission.

7. Format for Statement of Purpose:

A) Chemical Engineering *(to be uploaded as a single pdf file)*
Motivation for doing Masters or Doctoral Studies, Description of Interested Areas of Research, A sample Problem Statement with Objectives of Study and few reference articles *(Two Pages Maximum).*

B) Civil and Environmental Engineering
1. What motivates you towards pursuing the Research Scholar position? (max. 200 words)
2. Describe your research interests in the advertised area. (max. 300 words)
3. Explain briefly the tentative research plan by using schematics, figures, flowchart, and relevant references. (max. 500 words).

C) Computer Science and Engineering *(SoP Not Required)*

D) Electrical Engineering (Format attached as Annexure - I)

E) Mechanical Engineering (Format attached as Annexure - I)

F) Chemistry
1. Why do you want to pursue Ph.D.?
2. Statement of research interest, especially why would you like to work in this field?
3. Why do you prefer IIT Tirupati to join as a Ph.D. student?
4. What is your future plan?

G) Physics (Format attached as Annexure - II)

H) Mathematics and Statistics *(SoP Not Required)*

I) Humanities and Social Sciences *(SoP Not Required)*

8.   Original Documents to be submitted for Verification

8.1 At the time of Interview and/or Written Test: *(Scanned Copies in a single PDF)*
   a) Copy of application submitted.
   b) All the semesters Mark sheet/grade card / provisional / degree certificates beginning from first degree towards proof of qualification and all other educational qualifications (SSC/ 10th onwards)
   c) Community Certificate in the case of SC/ST/OBC-NCL/EWS candidates issued by the respective State Government.
   d) Authorised Doctor's Certificate with disability descriptions in the case of Person with Disabled (PwD) candidates.
   e) Copy of GATE score or CSIR-UGC-JRF/LS/NET/DAE-JEST or other fellowship award.

8.2 At the time of Admission: *(Scanned Copies in a single PDF)*
   a) Offer of admission.
   b) Birth Certificate.
   c) Aadhar & PAN
   d) First page of SSLC/SSC/Matriculation certificate
   e) Copy of the submitted application form.
   f) Original GATE Score Card or CSIR-UGC-JRF/LS/NET/ DAE-JEST or other fellowship award letter.
   g) Degree certificate/Provisional/Course completion certificate/Grade Cards/Mark sheets of all the semesters of degrees obtained.
   h) SC/ST/EWS/OBC-NCL community certificate for the candidate belonging to SC/ST/EWS/OBC-NCL category. [OBC-NCL scholars to bring a Non-creamy layer community certificate valid at the time of admission].
   i) Relieving order/Resignation acceptance letter from the employer in the case of fulltime candidates, if employed.
   j) NoC and Consent of co-guide from the parent organisation in case of external candidates.

Important: Please note that the originals of the above certificates should be produced at the time of physical verification.

9. Fees and Deposits:

M.S/Ph.D. Fee Structure
July-December 2022 Semester

S.No	Item of Fee & Deposits	Value in Rs.			
		MS	PhD	MS	PhD
		HTRA (Regular/Project/ UGC/CSIR etc.)/External		Internal Staff of IITT	
I. INSTITUTE FEE (A, B, C)					
A. One Time Fees (during admission)					
A1	Admission fee	150	150	150	150
A2	Grade card fee / Thesis fee	450	950	450	950
A3	Provisional certificate fee	100	100	100	100
A4	Medical examination fee	100	100	100	100
A5	Modernization fee	500	500	500	500
A6	Alumni Life Membership Fee	1,000	1,000	1,000	1,000
A7	Publication Fee	250	250	250	250
A8	Convocation Fee	2,500	2,500	2,500	2,500
	Total A	**5,050**	**5,550**	**5,050**	**5,550**
B. Semester Fees (Institute Fee)					
B1	Tuition Fee [#1]	2500	2500	2500	2500
B2	Examination Fee	300	300	300	300
B3	Registration – Enrolment Fee	300	300	300	300
B4	Medical Fee	700	700	-	-
	Total B	**3,800**	**3,800**	**3,100**	**3,100**
C. One Time Deposits (refundable)					
C1	Institute Deposit	1,000	1,000	1,000	1,000
C2	Library Deposit	1,000	1,000	1,000	1,000
C3	Hostel Deposit	3,000	3,000	-	-
	Total C	**5,000**	**5,000**	**2,000**	**2,000**
	Institute Fee Account (A+B+C)	**13,850**	**14,350**	**10,150**	**10,650**
II. STUDENT AFFAIRS FEE (D, E, F, G)					
D. One Time Fees (during admission)					
D1	Student welfare fund	1,000	1,000	1,000	1,000
D2	Placement training fee	1,000	1,000	1,000	1,000
	Total D	**2,000**	**2,000**	**2,000**	**2,000**
E. Semester Fee (Student Affairs Fee)					
E1	Establishment "A" charges	6,000	6,000	6,000	6,000
E2	Establishment "B" charges	1,500	1,500	1,500	1,500
E3	Gymkhana Fee	1,250	1,250	1,250	1,250
E4	Student Wellness Fee	100	100	100	100
	Total E	**8,850**	**8,850**	**8,850**	**8,850**
F. Hostel and Mess Fee [#2]					
F1	Hostel Allotment Fee	250	250	-	-
F2	Hostel Seat Rent	7,000	7,000	-	-
F3	Electricity, Water & SWD charges	800	800	-	-
F4	Advanced Dining charges [#3]	21,000	21,000	-	-
	Total F	**29,050**	**29,050**	**-**	**-**
G. Yearly Fees					
G1	Medical Insurance Premium [#3]	750	750	0 [#4]	0 [#4]
	Total G	**750**	**750**	**0**	**0**
	Student Affairs Fee Account (D+E+F+G)	**40,650**	**40,650**	**10,850**	**10,850**

#1 SC/ST/PwD scholars are exempted from payment of tuition fee.

#2 Not required for the students with a valid Day Scholars Certificate from the Office of Dean (Student Affairs).

#3 Charges are based on rates during the respective semester. A nominal change in charges may be applicable.

#4 Subject to having an existing medical insurance during the relevant academic year.

Statement of Purpose for Graduate Studies

(Applicable to the Departments of Mechanical Engineering and Electrical Engineering)

The statement of purpose should be a coherent composition detailing your experience and achievements and should further explain why you are interested in graduate studies. It should provide convincing arguments that you show promise for success in your graduate study and research.

Here are some points that you may want to consider while writing the statement of purpose. These points are mere guidelines – it is not necessary that you address all of them. Instead, pick all the relevant ones, and write a well-organized essay, making sure that it does not turn out to be a bald statement of facts.

1. Introduce yourself.
2. What motivated you to choose a career in research?
3. Elaborate on your academic/research interests.
4. Do you have any specific research problems in mind that you would like to work on during your graduate study?
5. Do you have any prior research experience? If so, provide details.
6. What are your short term and long-term career goals?
7. Why did you apply for graduate studies at IIT Tirupati?
8. Have you looked at the research profiles of the faculty members working in your field of interest? Whom would you like to collaborate with for your graduate study?

Remember that there is no standard formula to write a good SOP. Take this a chance to talk to the admissions committee. So, make sure to explain what makes you unique in a pool of similarly qualified students.

Instructions to Candidates
1. Page limit: 1-2 pages
2. Font: Times New Roman, Size 12
3. Format: Pdf document
4. Indicate name on top of the SOP (Font size 14, Bold, Centered)
5. Spacing: Single
6. Pdf Naming Convention: Applicant Name.pdf
7. See the sample below:

STATEMENT OF PURPOSE (Size 14)
Applicant Name (Size 14)

Statement of purpose starts here……………………………………………………………
………………………………………………………………………………………………
………………………………………………………………………………………………
………………………………………………………………………………………………
………………………………………………………………………………………………
…………………………………..………………………………………… and ends here.

Statement of Purpose for Graduate Studies

(Applicable to the Department of Physics)

The statement of purpose should be a coherent composition detailing your experience and achievements and should also explain why you are interested in graduate studies. It should provide convincing arguments that you show promise for success in your graduate study and research.

Here are some points that you may want to consider while writing the statement of purpose. These points are mere guidelines – it is not necessary that you address all of them. Instead, pick all the relevant ones, and write a well-organized essay, making sure that it does not turn out to be a bald statement of facts.

1. Introduce yourself.
2. What motivated you to choose a career in research?
3. Elaborate on your academic/research interests.
4. Do you have any specific research problems in mind that you would like to work on during your graduate study?
5. Do you have any prior research experience? If so, provide details.
6. What are your short term and long-term career goals?
7. Why did you apply for graduate studies at IIT Tirupati?
8. Have you looked at the research profiles of the faculty members working in your field of interest? Whom would you like to collaborate with for your graduate study?
9. What are the mathematical courses that you are comfortable with?

Remember that there is no standard formula to write a good SOP. Take this a chance to talk to the admissions committee. So, make sure to explain what makes you unique in a pool of similarly qualified students.

Instructions to Candidates

1. Page limit: 1-2 pages
2. Font: Times New Roman, Size 12
3. Format: Pdf document
4. Indicate name on top of the SOP (Font size 14, Bold, Centered)
5. Spacing: Single
6. Pdf Naming Convention: Applicant Name.pdf
7. See the sample below:

STATEMENT OF PURPOSE (Size 14)
Applicant Name (Size 14)

Statement of purpose starts here…………………………………………………………....……………
……
……
……
……………………………………..…………………………………………………… and ends here.

A

[To be submitted at the time of Admission]

Admission to Ph.D./M.S. programme under

External Registration Scheme at IIT Tirupati

Proforma of Relieving Certificate

Mr./Ms. ………………………………………….. *employed as* …………………………………….. *is*

granted leave for 20 weeks (140 days) commencing from ………………… to ……………… and is relieved

of his/her duties with effect from …………………………………… *to* ………………..…. *to enable him/her to*

pursue M.S./Ph.D. Research programme under External Registration Scheme in August /January

…………. semester at the Indian Institute of Technology Tirupati as per their offer of admission letter

No………………………………. dated ………………………

Date :

Signature of the Officer
Name:
Designation:
Address of the Organisation:

Seal of the Organization/Institution

B

[To be submitted at the time of Admission]

Certificate from the Employing Organisation

for external registration of their employeesin

Ph.D./M.S. programme of IIT Tirupati

The application of … working

as … … … … … … … … … … … … . in … … … … … … … .... since … … … … … … … … …. is

herewith recommended and forwarded for admission under External Registration Scheme

of the Indian Institute of Technology Tirupati for Ph.D./M.S. Research programme

in the Department of … … … … … … … … … … .

1. This organization has adequate facilities for carrying out the research indicated by the applicant and if he/she is selected, these will be made available to him/her till the completion of the programme.
2. The applicant will be deputed/given leave for duration of his/her residence period at IIT Tirupati.
3. Facilities will be made available to the Co-guide to supervise the work of the applicant and to attend the meetings at IIT Tirupati when necessary.
4. Till the completion of his/her research programme, the applicant will not ordinarily be transferred to another unit or place which may impede his/her work under the scheme. If such a transfer is necessary, IIT Tirupati will be informed within a month of such transfer. We understand that continuing of registration will depend on IIT's decision in this regard, taking into account all the relevant factors.
5. We note that the facilities of the Institute will be made available to him/her for carrying out the work and that there will be no separate charge (other than tuition fees payable by the candidate) for the use of laboratory, library and other facilities.
6. No part of the work carried out in fulfilment of the Research programme will be utilized commercially or for applying for a Patent without the approval of Indian Institute of Technology Tirupati and other than on terms mutually agreed to by IIT Tirupati and this organization.

Date

Signature of the Officer
Name:
Designation:
Address of the Organisation:

Seal of the Organization/Institution

C

Particulars of Co-guide for external Registration Scheme

In addition to being in a position to ensure technical and logistic support to the scholar in his/her research work in the organization, the Co-guide must have a minimum academic qualification of a Master's degree in Engineering or Ph.D. in Science and adequate professional experience in the relevant field. The Co-guide should not himself be a scholar working for any higher degree of any university. He will be an invitee to the Doctoral Committee/General Test Committee meetings at IIT Tirupati.

(1)   Name of proposed Co-guide   :
      (in block letters)

(2)   Academic qualifications of Co-guide   :

(3)   Membership of Professional Societies of :
      Co-guide

(4)   Designation of Co-guide   :

Certificate from Co-guide

This is to state that in the event of Mr./Ms. …………………………………………… of this

organization being selected for Ph.D. / M.S. programme in the Department of ………………….

under the External Registration Scheme of IIT Tirupati, I agree to be one of his/her guides and

I shall extend all possible facilities to enable him/her to carry out his/her research towards the

completion of the programme.

Date: Signature of Co-guide