



## NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY, RANCHI

### ADVERTISEMENT FOR RECRUITMENT OF FACULTY POSTS

**Advt. No.– NIFFT / ESTT / Recruitment / July-2018 / 01**

The National Institute of Foundry and Forge Technology (NIFFT), Ranchi established by Ministry of Human Resources Development (MHRD), Government of India, in Collaboration with UNDP, UNESCO in 1966 at Ranchi Jharkhand, offers B. Tech. degree in Metallurgy and Materials Engineering, and Manufacturing Engineering, M. Tech. degree in Material Science and Engineering, Manufacturing Engineering, Foundry-Forge Technology, and Environmental Engineering, PhD and Advanced Diploma in Foundry Technology and Advanced Diploma in Forge Technology.

The Institute has five departments of studies namely Foundry Technology, Forge Technology, Manufacturing Engineering, Materials and Metallurgical Engineering and Applied Science and Humanities. Students are selected for admission through Joint Entrance Examination (JEE-Main) for B. Tech. course; through Centralized Counselling of M. Tech. (CCMT) for M. Tech courses: through written test and Interview for doctoral and Advanced Diploma courses conducted by NIFFT.

Applications are invited from Indian nationals possessing good academic background along with self-motivation to quality teaching and research for faculty positions at all levels for the following departments from all categories (General, SC, ST, OBC & PwD)

1. Foundry Technology
2. Forge Technology
3. Manufacturing Engineering
4. Materials and Metallurgical Engineering
5. Applied Science and Humanities

The institute is presently pursuing expansion in academic programs. As a part of this, the Institute will shortly establish **Department of Computer Engineering**.

Applications in prescribed format are invited from interested Indian nationals possessing required qualification and/or experience for the following faculty posts.

Sl. No.	Name of the Post	Pay Scale		Number of Vacancies*
		Pay Level	Initial / Entry Pay	
1	Professor	14	144200	6
2	Associate Professor	13A1	131400	11
3	Assistant Professor	10	57700	30

**Notes:**

- (a) These vacancies were earlier advertised vide No. **NIFFT/Estt./Rect./2017/3772 dated 09th January, 2017** and **NIFFT/Estt./Rect./2017/321 dated 13<sup>th</sup> July, 2017** are re-advertised now. The candidates who have applied in response to the Employment Notice No. **NIFFT/Estt./Rect./2017/3772 dated 09th January, 2017** and **NIFFT/Estt./Rect./2017/321 dated 13<sup>th</sup> July, 2017** need not apply again. However, the applicants may update their bio-data / C.V /API, if desired.
- (b) Faculty members of the Institute shall have teaching and research as their primary responsibility. However, they shall also exercise such other powers and perform such other duties as may be assigned to them by the Director/BOG or any other authority of the Institute.
- (c) All faculties are required to stay inside the campus only. In the event of the Institute not being able to provide suitable accommodation inside the campus, they will be permitted to stay outside. HRA will be admissible in that case.
- (d) All qualifications and experience will be considered as on the closing date for receipt of applications.
- (e) Higher starting pay may be offered to deserving candidates on recommendation of the selection committee.
- (f) Post wise reservation will be followed as per Government of India Reservation policy applicable to centrally funded Technical Institution
- (g) Submission of Academic Performance Indicator (API) Score in the prescribed format and acquiring minimum score as stipulated is essential for the post of professor and Associate Professor.
- (h) Candidates may have to deliver lecture at the interview stage.
- (i) The minimum requirement of qualifications and/or experience may be relaxed in respect of extra ordinary candidate.

**Please go through the Qualification, Experience and General Information given in the following pages carefully before filling the application.**

**QUALIFICATION AND/OR EXPERIENCE [ENGINEERING/TECHNOLOGY]**

<b>Sl. No.</b>	<b>Name of the Post</b>	<b>Qualifications and/or Experience</b>
1	Professor	<b>Qualification:</b> Ph.D. Degree with First Class at Bachelor's or Master's/equivalent degree in the appropriate branch of Engineering/Technology with a very good academic record throughout career. <b>Experience:</b> Atleast <b>ten years</b> of teaching/research and/or industry experience in

		<p>the relevant field/related areas out of which at least <b>five years at the level of Associate Professor</b> or equivalent.</p> <p style="text-align: center;"><b>Or</b></p> <p>In the event the candidate is from industry and/or professional practice, the following shall constitute as essential:</p> <p><b>Qualification:</b> First Class Master's Degree in the appropriate branch of Engineering &amp;Technology.</p> <p><b>Experience:</b> Significant professional work which can be recognized as equivalent to a PhD Degree in appropriate branch of Engineering &amp;Technology and industrial/professional experience of ten years out of which at least five years at a senior level equivalent to Associate Professor.</p>
2	Associate Professor	<p><b>Qualification:</b> A Ph.D. Degree with First Class at Bachelor's or Master's/ equivalent degree in the appropriate branch of Engineering/Technology with a very good academic record throughout career.</p> <p><b>Experience:</b> At least <b>eight years</b> of teaching/research/industrial experience in the relevant field/related areas at the level of Assistant Professor or equivalent,</p> <p style="text-align: center;"><b>Or</b></p> <p>In the event the candidate is from industry and the profession, the following shall constitute as essential:</p> <p><b>Qualification:</b> First Class Master's Degree in the appropriate branch of Engineering &amp;Technology.</p> <p><b>Experience:</b> Significant professional work which can be recognized as equivalent to a Ph.D Degree in appropriate branch of Engineering &amp;Technology and industrial/ professional experience of <b>eight years</b> in a position equivalent to the level of Assistant Professor.</p>
3	Assistant Professor	<p><b>Qualification:</b> M. Tech. Degree with First Class at Bachelor's or Master's / equivalent degree in the appropriate branch of Engineering /Technology with a very good academic record throughout career.</p>

**QUALIFICATION AND/OR EXPERIENCE [APPLIED SCIENCE /HUMANITIES]**

Sl. No.	Name of the Post	Qualifications and/or Experience
1	Professor	<p><b>Qualification:</b> A Ph.D.Degree with First Class at M.Sc./M.Tech.or equivalent in appropriate discipline with a very good academic record throughout career.</p> <p><b>Experience:</b> At least <b>ten years</b> of teaching/research and/or industry experience in the relevant field/related areas out of which at least five years at the level of Associate Professor or equivalent. For candidate from industry with engineering background will have the essential and desirable qualification as mentioned for the candidates in Engineering department.</p>
2	Associate Professor	<p><b>Qualification:</b> A Ph.D .Degree with First Class at M.Sc./ M.Tech.or equivalent in appropriate discipline with a very good academic record throughout career.</p> <p><b>Experience:</b> At least <b>eight years</b> of teaching / research /industrial experience in the relevant field/related areas at the level of Assistant Professor or equivalent.</p> <p style="text-align: center;"><b>Or</b></p> <p>In the event the candidate is from industry and the profession, the following shall constitute as essential:</p> <p><b>Qualification:</b> First Class Master’s Degree in the appropriate branch of Engineering &amp;Technology Significant professional work which can be recognized as equivalent to a PhD Degree in appropriate branch of Engineering &amp;Technology.</p> <p><b>Experience:</b> Industrial / professional experience of <b>eight years</b> in a position equivalent to the level of Assistant Professor.</p>

3	Assistant Professor	<b>Qualification:</b> A Ph.D. Degree with First Class at M.Sc. OR M. Tech. Degree with First Class at Bachelor's or Master's OR First Class at M. Sc with NET qualification in appropriate branch with a very good academic record throughout career.
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### **APPROPRIATE BRANCH AND SPECIALIZATIONS**

Appropriate Branch and Specializations for the various Departments are given below:

Department	Appropriate Branch of Engineering and Sciences	Specialization
<b>Department of Forge Technology</b>	Metallurgy and Material Engineering/Mechanical/Production/Manufacturing /Industrial Engineering & Technology	Deformation of ferrous/non-ferrous material, Forging of Special Alloys, Forging Die-Design, Heat Treatment Technology, Near –Net Shape Processing, Tribology, Modelling and Simulation of Metal Forming (Specially Forging), Robotics and Automation in Metal Forming, Advance Forming Process like HIP/3D Printing/Additive Forming, Industrial Furnaces, Mechanical Metallurgy
<b>Department of Manufacturing Engineering</b>	Mechanical/Production/Manufacturing/ Industrial Engineering/Applied Mechanics/Thermal Engineering/Mechanical Design/ <b>Computer Engineering</b>	Applied Mechanics, Solid mechanics; Fluid mechanics; Computer Application in Mechanical Engineering,, Thermodynamics, Heat and Mass Transfer, Welding, Kinematics and Dynamics of Machine, Metal Forming, Operation Research, Mechanical Design, Design of Machine Elements, Metrology, CAD/CAM and Robotics, IC Engine, Finite Element Method, Fluid Machinery, Refrigeration and Air Conditioning, Power plant Engineering, Tribology, Industrial Engineering, Reliability Engineering, Automobile Engineering, Advance Manufacturing Process, Machine Tool,

		<p>Machine Tool design, Metal Cutting, Computational Methods For Engineers, Manufacturing System Engineering, Precision Engineering, Mechatronics and <b><u>Computer Engineering*</u></b></p> <p>(*Selected candidates will be placed in the Computer Engineering Department to be established shortly.)</p>
<b>Department of Foundry Technology</b>	Metallurgy/Mechanical/Production/Manufacturing /Industrial Engineering & Technology	<p>Non-ferrous castings technology, Methoding of castings, Iron Casting and steel Production, Modelling and simulation, Near-net shape casting, Advanced casting techniques (e.g., Semisolid casting, Squeeze casting, Composite casting, Strip casting etc.), Rapid solidification, Liquid metal treatment, Interaction of liquid metal with mould and furnace wall. Computer application for simulation, flow and solidification etc in Foundry technology</p>
<b>Department of Materials and Metallurgical Engineering</b>	Metallurgy/Materials and Metallurgical Engineering and Technology	<p>Phase transformation and alloy development; Extractive metallurgy; Powder metallurgy; Ferrous and non-ferrous metallurgy; Welding metallurgy; Steel and iron making; Foundry engineering; Metal Forming; Corrosion engineering; Composites; Ceramics, Surface coating and deposition; Tribology; Nanostructures Materials; Energy storage materials; Materials for sensor development; Single crystal growth. Biomaterials, Computer application in Materials Engineering, Destructive and non-destructive Testing and Inspection techniques; Fuels and Mineral Engineering, Fracture Mechanics</p>

<b>Department of Applied Science and Humanities</b>	<b>Professor &amp; Associate Professor:</b> Environmental Engineering, Environmental Science, Civil Engineering, Materials Science/Engineering; Chemistry; Physics, Surface Science & Engineering	Air pollution monitoring and Control Technologies, Remote Sensing & GIS, Industrial Waste utilization Pollution control devices Engineering, Environmental System Modelling, Geo-Environmental Engineering, Sewerage Treatment, Equipment & Project Design. Solid State Physics, Semiconductor materials, Thin films, NanoTechnology, Structure property analysis of materials, Analytical chemistry. Polymers, Ceramics & Composite Materials, Materials characterization.
	<b>Assistant professor:</b> (a) Applied Mathematics (b) Applied Chemistry (c) Environmental Engineering, Environmental Science, Civil Engineering	<b>(a)</b> All areas of Pure and Applied Mathematics, Theoretical Computer Science, Probability and Statistics. <b>(b)</b> Applied Inorganic Chemistry. Applied Physical chemistry, Applied organic chemistry <b>(c)</b> Air pollution monitoring and control technologies; Remote Sensing & GIS, Industrial Waste utilization Pollution control devices Engineering, Environmental System Modelling, Geo-Environmental Engineering, Sewerage Treatment.

### **GENERAL INFORMATION**

- 1 Incomplete application in any respect will not be entertained by the Institute.
2. Mere fulfillment of the above mentioned qualification & experience does not entitle a candidate to be called for interview. Institute will further make the criteria on the recommendations of the Scrutiny committee to arrive at a reasonable number of candidates to be called for interview for each Department.
3. The Institute reserves the right to consider and fill or not to fill positions in any of the specializations/Departments

4. Separate applications must be submitted if a candidate is applying in more than one department.
5. A Demand Draft of Rs 500/-, drawn in favour of “**NIFFT, Ranchi**” payable at any nationalized bank in Ranchi for each application (50% in case of SC / ST & fully exempted for women & PwD candidates).
6. Candidates already in service should send their applications through proper channel. However, an advance copy along with required fee/ certificates / detailed marks sheets / documents etc. may be sent directly.
7. Preference will be given to candidate who have one of the Degrees from a premier Institute of India viz, IITs, IISc, JNU or any other Institute of National Importance, Research experience in an organization of repute outside / inside India and /or independent research guidance / research project. Industrial experience in the field of Foundry, Forge, Manufacturing and Metallurgical Industries.
8. Reservation policy will be applicable as per the MHRD (Govt. of India) norms/rules. For availing reservation, the category certificate must be submitted along with application.
9. Application form & Academic performance indicator (API) score to be submitted by the candidates in the prescribed format are available in Part – A and Part – B of the application form.
10. 3% of the vacancies are reserved for persons with disabilities as per GOI rules subject to producing the Disability Certificate in the prescribed format issued by the Competent Medical Board.
11. No correspondence, whatsoever, will be entertained from the candidates regarding postal delays, conduct and result of Interview and reasons for not being called for Interview or selection.
12. The age of retirement is 65 years for all posts as per present Rule.
13. Completed applications in all aspects in the prescribed format and copies of self attested documents supporting qualification, experience, publications etc. should be sent to the address of the Director, NIFFT, Hatia, Ranchi-834003 latest by **20<sup>th</sup> August, 2018**
- 14. The candidates, who have already applied for the above positions against the advertisement no . NIFFT/Estt./Rect./2017/3772 dated 09th January, 2017 and NIFFT/Estt./Rect./2017/321 dated 13<sup>th</sup> July, 2017 need not apply again. However, they may update their application.**
15. All further information regarding the recruitment like Scheme and Schedule of Written Test and/or Interview, etc. will be provided through the Institute website only. The Institute will not be responsible in any manner if a candidate fails to visit/access the website in time. Candidates are requested to regularly visit the Institute website i.e., [www.niff.ac.in](http://www.niff.ac.in) for updated information regarding the recruitment.
16. All further information regarding the recruitment will also be posted in the official Facebook Page of the Institute for this recruitment ([fb.me/recruitment.niff](https://fb.me/recruitment.niff)).
17. The decision of the Institute in all matters will be final. No correspondence/interim inquiries will be entertained from the candidates in connection with the process of selection/interview.



Any dispute with regard to the selection/recruitment process will be subject to Courts/Tribunals having jurisdiction over Ranchi only.

**The following perks are given to the newly appointed faculty:**

Professional Development Allowance (PDA) of ₹ 3.0 Lacs in a three year block, for attending conference in india as well as abroad, and for membership of professional bodies, etc.

Medical Facilities as per Medical Attendance and Treatment Rules of the Institute. Leave Travel Concession (LTC) as per the Government of India rules. Children Education Allowance as per the Government of India rules.

The Institute residences are in the campus. House rent allowance is only payable in case of non-availability of accommodation in the campus.

**How to apply**

- Step-1:** Download the Application Form [Part-A] and API [Part-B] from the Institute website and take print-out in white colour A4 size photocopy paper on single side only. Using Application Forms from any other source is acceptable if the same is exactly as per the prescribed format.
- Step-2:** Fill the application form in CAPITAL letters and in clear hand-writing / type-writing. Put your signature in all required places.
- Step-3:** Thread-tag or staple-pin the self-attested photocopies of documents as mentioned in the form. Write your name, post applied and mobile number on back side of the DD/BC (if applicable) and keep the DD/BC on top of the Application Form.
- Step-4:** Put everything neatly inside a good quality envelope and close the envelope by gum or adhesive tape (don't use stapler-pin). Write the name of the post applied for and Department at the top-left corner of the envelope and send by Speed Post only.

All applications complete in all respect are to be sent to the following address:

**THE DIRECTOR  
NATIONAL INSTITUTE OF FOUNDRY & FORGE TECHNOLOGY  
HATIA, RANCHI – 834 003**

**Sd/-  
Professor I/c (Administration)**



NATIONAL INSTITUTE OF FOUNDRY AND FORGE TECHNOLOGY  
HATIA, RANCHI- 834003.  
(A CENTRALLY FUNDED TECHNICAL INSTITUTE)  
UNDER  
(MINISTRY OF HUMAN RESOURCE DEVELOPMENT)  
APPLICATION FORM  
PART - A

Name of the Post:

Department:

Area of Specialization:

Advertisement No.:

Dated:

01.	Name in Full (Block Letters)					
02.	Father's Name					
03.	Date of Birth					
04.	Marital status					
05.	Nationality					
06.	Permanent address	Address for Correspondence				
07.	Telephone Number					
	Mobile Number					
	Email Id					
08.	Please, state whether you belong to SC/ST/OBC/Person with Disabilities/Gen category.					
09.	Present Post held with Designation & name of the Organization where employed					
10.	Present salary with pay scale					
	Pay Band + AGP	Basic Pay	D.A.	H.R.A	Any Other Allowances	Total Rs.
11.	Nature of Appointment (Permanent/Temporary/Adhoc)					
12.	Were you at any time declared medically unfit, asked to submit your resignation, discharged or dismissed from Government or private service?					
13.	Whether any penalty was imposed on you during the last ten years as a result of disciplinary action by any employer. If, so give details.					

14. Details of educational qualifications: Please give particulars of all examinations passed and degrees obtained commencing with the High School Level (10<sup>th</sup> standard/Matriculation) Examination. Please attach photocopies of certificates and mark sheet duly attested.

Examination	School/College/Institute	Name of the Board/University/Institution	Marks Obtained (with Max. Marks)	Distinction/Class/Division/ Grade	Date of Passing	Duration of course
Matriculation (10 <sup>th</sup> )						
Intermediate (10+2)						
Bachelors degree						
Masters degree						
Ph.D.						

15. Details of employments: Please give particulars of your present and past employments in chronological order, starting with the present one:

Sl. No.	Organization/Institute	Position held	Nature of duties/work	Date of joining	Date of leaving	Last Pay	Scale of Pay	Years of experience/Remark

16.	Research & Development, Project, Publication etc.:								
	(a) Please state the following in the format below:								
	No. of Ph.D. thesis guided		No of PG projects guided		No. of Projects involved in		No. of Patents		
	Completed	On-going			Sponsored	Consulta ncy			
	(b) Please state, no. of Publications(Published/Accepted) in the format below:								
	In Journals (refereed)			In Conferences				Technical Reports	Books published/Edit ed/Article magazines
	National	International	Refereed		Un-refereed				
			National	International	National	International			
	(For each of the above items, please give full details in the list of publications to be attached with PBAS (Performance Based Appraisal System) at Part-B, enclose reprints of five best referred publications (if applicable) and highlight the same in the list at the appropriate place in PBAS.								
17.	No. of conferences organized/participated								
	Organized				Participated				
	International		National		International		National		
18.	Teaching Experience		No. of Years:		Post Ph.D. experience:		No. of Years:		
	(c) No. of different courses taught : Please give a list of courses taught on a separate sheet with course titles, level (UG/PG) and number of times taught.								
	(d) Areas of specialization								
	(e) Title of your Ph.D. Thesis (enclose abstracts of Thesis)								
	(f) Laboratory Experience: Please describe, in brief on a separate sheet, your experience in (i) Setting up teaching and research laboratories (ii) Conducting laboratory courses (iii) Using different types of instruments, systems, computers etc.								
	19.	Details of the short term courses organized: (Here mention only the short term courses organized. List of short term courses attended by the applicant should be mentioned at appropriate place in PBAS in Part- B.							
Name of the short term course		Duration		Sponsored by		No. of participants			



## PART-B

### (API score on the basis of Performance Based Appraisal System)

**Brief Explanation:** The self-assessment score will be based on verifiable criteria and will be verified by the Screening / Selection committee.

(To be submitted year wise for the entire assessment period)

#### 1. GENERAL INFORMATION:

i.	Name of the applicant	
ii.	Designation/post held by the applicant	
iii.	Name of the Department/Centre of University/Institute	
iv.	YEAR OF PERFORMANCE APPRAISAL	

#### 2. CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

CATE-GORY I (A)	ITEM	DETAILS	MAXIMUM SCORE	A.P.I. SCORE OF THE CANDIDATE (To be given by the Candidate)	VERIFIED API SCORE OF THE CANDIDATE
i)	Lectures, Seminars, tutorials, practicals, contact hours undertaken as percentage of those actual allocated	Below 80% : No score 80%-85% : 35 86%-90% : 40 91%-95% : 45 96%- 100% : 50	<b>50</b>		
ii)	Lectures or other teaching duties in excess of the UGC norms	Below 2= No score 2-4= 8 5+ = 10	<b>10</b>		
iii)	(a) Preparation and imparting of knowledge / instruction as per curriculum; (b) Syllabus enrichment by providing additional resources to students	For (a)- 10 For (b)-10	<b>20</b>		
iv)	Use of participatory and innovative teaching- learning methodologies, updating of subject content, course improvement etc.	If used full score	<b>20</b>		
v)	Examination duties (Invigilation; question paper setting, evaluation/ assessment of answer scripts) as per allotment.	[Invigilation: 5 question paper setting – 10 evaluation/ assessment of answer scripts-10	<b>25</b>		
<b>Total score-</b>			<b>125</b>		
<b>Minimum API score required</b>			<b>75</b>		

**CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSION RELATED ACTIVITIES**

Sl. No.	ITEM	DETAILS	MAXIMUM SCORE	A.P.I. SCORE OF THE CANDIDATE (To be given by the Candidate)	VERIFIED API SCORE OF THE CANDIDATE
i)	Student related co-curricular, Extension and field based Activities (such as extension work through NSS/ NCC and other channels, cultural activities, subject related events, advisement and counseling) <i>(Detailed list to be enclosed)</i>	Activities may be in one or more than one particular field (s)	<b>20</b>		
ii)	Contribution to Corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities <i>(Detailed list to be enclosed)</i>	Membership of committees 1 : 4 2-3 : 10 4 and above: 15 Dean, Students' Welfare : 15 Dean, R&D / Dean of School (Full term) : 15 Head of the Department : 10	<b>15</b>		
iii)	Professional Development activities (such as participation in seminars, conferences, short term training courses talks, lectures, membership of associations, dissemination and general articles, not covered in Category III below) <i>(Detailed list to be enclosed)</i>	Seminars/ Conferences : 3  Short term training/ talks or Lectures: 3  Membership of associations :3 Dissemination and general articles : 6	<b>15</b>		
<b>Total score</b>			<b>50</b>		
<b>Min API Score Required</b>			<b>15</b>		

**CATEGORY-III: RESEARCH AND RELATED CONTRIBUTIONS**

Sl. No.	APIs	Engineering / Agriculture / Veterinary Science / Sciences / Medical Sciences	Faculties of Languages / Arts / Humanities / Social Sciences / Library / Physical Education / Management	Max. points for University and college teacher position	A.P.I. score of the candidate (To be given by the candidate)	verified API score of the candidate
<b>III (A)</b>	Research Papers published in	Refereed Journals *	Refereed Journals*	15/publication		
	<i>(Detail list to be enclosed)</i>	Non-refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers.	Non-refereed but recognized and reputable journals and periodicals, having ISBN/ISSN numbers.	10/publication		
		Conference proceedings as full papers, etc. (Abstracts not to be included)	Conference proceedings as full papers, etc. (Abstracts not to be included)	10/publication		
<b>III (B)</b>	Research Publications (books, chapters in books, other than refereed journal articles)	Text or Reference Books Published by International Publishers with an established peer review system	Text or Reference Books Published by International Publishers with an established peer review system	50/sole author; 10/chapter in an edited book		
	<i>(Detail list to be enclosed)</i>	Subjects Books by National level publishers/ State and Central Govt. Publications with ISBN / ISSN numbers	Subject Books by / national level publishers/State and Central Govt. Publications with ISBN/ISSN numbers.	25/sole author, and 5/ chapter in edited books		
		Subjects Books by other local publishers with ISBN / ISSN numbers	Subject Books by Other local publishers with ISBN/ISSN numbers.	15/sole author, and 3 / chapter in edited books		
		Chapters contributed to edited knowledge based volumes published by International Publishers	Chapters contributed to edited knowledge based volumes published by International Publishers	10 /Chapter		
		Chapters in knowledge based volumes in Indian/National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	Chapters in knowledge based volumes in Indian/National level publishers with ISBN /ISSN numbers and with numbers of national and international directories	5 / Chapter		

**III (C) RESEARCH PROJECTS**

<b>III(C)(i)</b>	Sponsored Projects carried out/ ongoing	(a) Major Projects amount mobilized with grants above 30.0 lakhs	Major Projects amount mobilized with grants above 5.0 lakhs	20 /each Project		
	<i>(Detail list to be enclosed)</i>	(b) Major Projects amount mobilized with grants above 5.0 lakhs up to 30.00 lakhs	Major Projects Amount mobilized with minimum of Rs. 3.00 lakhs up to Rs. 5.00 lakhs	15 /each Project		
		(c) Minor Projects (Amount mobilized with grants above Rs. 50,000 up to Rs. 5 lakh)	Minor Projects (Amount mobilized with grants above Rs. 25,000 up to Rs. 3 lakh)	10/each Project		
<b>III(C)(ii)</b>	Consultancy Projects carried out / ongoing <i>(Detail list to be enclosed)</i>	Amount mobilized with minimum of Rs.10.00 lakh	Amount mobilized with minimum of Rs. 2.0 lakhs	10 per every Rs.10.0 lakhs and Rs.2.0 lakhs, respectively		
<b>III(C)(iii)</b>	Completed projects : Quality Evaluation <i>(Detail list to be enclosed)</i>	Completed project Report (Acceptance from funding agency)	Completed project report (Accepted by funding agency)	20 /each major project and 10 / each minor project		



<b>III(C)(iv)</b>	Projects Outcome / Outputs <i>(Detail list to be enclosed)</i>	Patent/Technology transfer/ Product/Process	Major Policy document of Govt. Bodies at Central and State level	30 / each national level output or patent /50 /each for International level		
<b>III (D)</b>	<b>RESEARCH GUIDANCE</b>					
<b>III (D)(i)</b>	M. Phil.	Degree awarded only	Degree awarded only	3 /each candidate		
<b>III (D)(ii)</b>	Ph. D.	Degree awarded	Degree awarded	10 /each candidate		
		Thesis submitted	Thesis submitted	7 /each candidate		
<b>III(E)</b>	<b>TRAINING COURSES AND CONFERENCE /SEMINAR/WORKSHOP PAPERS</b>					
<b>III(E) (i)</b>	Refresher courses, Methodology workshops, Training, Teaching-Learning-Evaluation Technology Programmes, Soft Skills development Programmes, Faculty Development Programmes (Max: 30 points) <i>(Details to be enclosed)</i>	(a) Not less than two weeks duration	(a) Not less than two weeks Duration <i>(Details to be enclosed)</i>	20/each		
		(b) One week duration	(b) One week duration	10/each		
<b>III(E) (ii)</b>	Papers in Conferences/ Seminars/ workshops etc.** <i>(Details to be enclosed)</i>	Participation and Presentation of research papers (oral/poster) in	Participation and Presentation of research papers(oral/poster) in			
		a) International conference	a)International conference	10 each		
		b) National	b) National	7.5 / each		
		c) Regional/State level	c) Regional/State level	5 /each		
		d) Local -University/College level	d) Local -University/College Level	3 / each		
<b>III(E)(iii)</b>	Invited lectures or presentations for conferences/ symposia <i>(Details to be enclosed)</i>	(a) International	(a) International	10 /each		
		(b) National level	(b) National level	5		

\* Wherever relevant to any specific discipline, the API score for paper in refereed journal would be augmented as follows: (i) indexed journals - by 5 points; (ii) papers with impact factor between 1 and 2 by 10 points; (iii) papers with impact factor between 2 and 5 by 15 points; (iv) papers with impact factor between 5 and 10 by 25 points.

\*\* If a paper presented in Conference/Seminar is published in the form of Proceedings, the points would accrue for the publication (III (a)) and not under presentation (III)(e)(ii)).

\*\*\*Minimum Scores for APIs for direct recruitment of teachers in university department/Colleges and weightages in Selection Committees to be considered along with other specified eligibility qualifications stipulated in the Regulation.

	Assistant Professor/equivalent cadres	Associate Professor cadres	Professor cadres
Minimum API Scores	Minimum Qualification as stipulated in these regulations	Consolidated API score requirement of 300 points from category III of APIs	Consolidated API score requirement of 400 points from category III of APIs
Selection Committee criteria/weightages (Total Weightages = 100)	Academic Record and Research Performance (50%) Assessment of Domain Knowledge and Teaching Skills (30%) Interview performance (20%)	Academic Background (20%) Research performance based on API score and quality of publications (40%) Assessment of Domain Knowledge and Teaching Skills (20%) Interview performance (20%)	Academic Background (20%) Research performance based on API score and quality of publications (40%) Assessment of Domain Knowledge and Teaching Skills (20%) Interview performance (20%)

**NOTE:**

The API for joint publications will have to be calculated in the following manner: Of the total score for the relevant category of publication by the concerned teacher, the first/Principal author and the corresponding author/supervisor/mentor of the teacher would share equally 60% of the total points and the remaining 40% would be shared equally by all other authors.

**3. Summary of API Score as per PBAS (For the entire period of assessment):**

	Minimum Score required	Score obtained by the candidate	Verified API Score of the Candidate
Category-I			
Category-II			
Category-III			

**4. Any other information the candidate would like to provide:**

**Date:**

**Place:**

**(Full Signature of the applicant)**

5.FORWARDING NOTE OF THE	
Verification by the H.O.D./IQAC/Director on API Score:	Name: Designation: Signature with date:

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