



**JADAVPUR UNIVERSITY**  
**KOLKATA - 700032**

GO No.1343-Edn(U)/1U-41/11(Pt) dt.07.12.2017  
EC Res. No. 18 Dated 12.11.2022

**APPLICATION FORM FOR PROMOTION OF UNIVERSITY TEACHERS UNDER CAREER ADVANCEMENT SCHEME**

**From : Stage/ Designation :** Assistant Prof. (Stage 2)

**To : Stage/ Designation :** Assistant Prof. (Stage 3)

**(Assistant Professor Stage 1 to Stage 2, Stage 2 to Stage 3), Assistant Professor (Stage 3) to Associate Professor (Stage 4), Associate Professor (Stage 4) to Professor/equivalent cadres (Stage 5).**

**PART A : GENERAL INFORMATION AND ACADEMIC BACKGROUND**

1. Employee Id	120020
2. Full Name	ARPITA SARKAR
3. Father's Name / Mother's Name	NABA KUMAR RAY
4. Date of Birth	18-06-1981
5. Category	SC <a href="#">Doc Link</a>
6. Differently Abled	No
7. Department / School	SCHOOL OF MOBILE COMPUTING AND COMMUNICATION
8. Current Designation	Assistant Professor
9. Academic Grade Pay (AGP) / Level	7000/11
10. Highest Qualification	M.Tech
11. Date of last promotion , if any	29-08-2017 <a href="#">Doc Link</a>
12. Date of eligibility for promotion	29-08-2022
13. Assessment Period (in years)	5
14. Address for correspondence	Sector- A, F/10 Baishnabghata Patuli, Kolkata - 700084
15. Permanent Address	Sector- A, F/10 Baishnabghata Patuli, Kolkata - 700084
16. Mobile No.	9830073446
17. E-mail Id	arpita.sarkar@jadavpuruniversity.in



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## **Part B. Academic Qualifications :**

### **A. Last Academic Qualifications (From graduation onwards excluding research degree(s)):**

<b>Degree/ Diploma</b>	<b>Name of the Board/ University</b>	<b>Year of Passing</b>	<b>(%)of Marks Obtained</b>	<b>Division/ Class/Grade</b>	<b>Subject(s)</b>	<b>Doc Link</b>
M TECH	CALCUTTA UNIVERSITY	2010	74.33%	1st	Computer Science And Engineering	<a href="#">View</a>

### **B. Research Degrees:**

<b>Degree</b>	<b>Title of Dissertation/Thesis</b>	<b>Date of Award</b>	<b>Name of the University</b>	<b>Doc Link</b>
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**Part C. Professional Experience :**

**A.Position(s) held Prior to Joining this University, if any:**

Designation	Name of Employer	Date of Joining	Date of Leaving	Gross Salary	Reason for Leaving	Doc Link
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**B.Posts held after Appointment at the University :**

Designation	Department/School	From date	To date	Pay Scale	AGP/Level	Doc Link
Assistant Professor - Stage 1	SCHOOL OF MOBILE COMPUTING AND COMMUNICATION	29-08-2012	28-08-2017	15600	6000/10	<a href="#">View</a>



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**Part D. Teaching Experience :**

**A.Period of Teaching and / or Research Experience :**

Level of Classes	No. of Years
PG Classes	10
UG Classes	0
Post-doctoral Research	0
Doctoral Research	4

**B.Field(s) of Specialisation under the Subject/Discipline :**

COMPUTER NETWORKING.  
WIRELESS AND ADHOC COMMUNICATIONS.  
SECURITY IN WIRED AND WIRELESS NETWORKS.  
EMBEDDED SYSTEMS.



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**Part E. Orientation / Induction Program(s) or Refresher / Short-term Course(s):**

**Program(s) / Course(s) Attended :**

<b>Title of the Course</b>	<b>Place</b>	<b>Duration (No. of Weeks)</b>	<b>Period : From Date- To Date</b>	<b>Doc Link</b>
FREE SOFTWARE ENGINEERING	JADAVPUR UNIVERSITY, KOLKATA	3	26/11/2012 - 15/12/2012	<a href="#">View</a>
ORIENTATION PROGRAMME	UGC - ACADEMIC STAFF COLLEGE, JADAVPUR UNIVERSITY	4	15/12/2014 - 13/01/2015	<a href="#">View</a>



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**API SCORE CALCULATION MATRIX**

**API CATEGORY : I. TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES**

Sl.No.	Nature of Activity	Max Marks	Hours spent per academic year	Self Appraisal Score	Verified API Score	Doc.Link
1.	Direct Teaching (self declaration)	70	590	70.00	70.00	<a href="#">View</a>
2.	Examination duties (question paper setting, Invigilation, evaluation of answer scripts etc.) (self declaration)	20	208	20.00	20.00	<a href="#">View</a>
3.	Innovative Teaching-learning methodologies, updating of subject contents/courses, mentoring etc. (self declaration)	10	480	10.00	10.00	<a href="#">View</a>
<b>Total</b>				<b>100.00</b>		



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**API SCORE CALCULATION MATRIX**

**CATEGORY II: PROFESSIONAL DEVELOPMENT, CO-CURRICULAR AND EXTENSION ACTIVITIES**

Nature of Activity	Max Marks	Hours spent per academic year	Self Appraisal Score	Verified API Score	Doc.Link
a). Student related co-curricular, extension and field based activities. (i) Discipline related co-curricular activities (e.g. remedial classes, career counseling, study visit, student seminar and other events.) (ii) Other co-curricular activities (Cultural, Sports, NSS, NCC etc.). Extension and dissemination activities (public /popular lectures/talks/seminars etc.)	15	150	15.00	15.00	<a href="#">View</a>
b). Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities. i). Administrative responsibility (including as Dean / Principal / Chairperson / Convener / Teacher-in-charge/ similar other duties that require regular office hrs for its discharge) ii). Participation in Board of Studies, Academic and Administrative Committees (Self declaration)	15	130	13.00	13.00	<a href="#">View</a>
c.) Professional Development activities (such as participation in seminars, conferences, short term training courses, industrial experience, talks, lectures in refreshers/faculty development courses, dissemination and general articles and any other contribution	15	145	14.50	14.50	<a href="#">View</a>
<b>Total</b>			<b>42.50</b>		

## API SCORE CALCULATION MATRIX

### CATEGORY III: Research and Academic Contribution

#### III-A : Journal Publication

Sl. No.	Yr.of Publ.	Title of the Paper	No.of authors	Role of Applicant	No.of other co - authors	Journal Name	Volume (Issue), pg no. from - to	Journal Type	Impact Factor (I.F)	I.F Doc link	Jrnل. Pub. Link	Self Appraisal Score	Verified API Score
1	2022	A survey of mobile crowdsensing and crowdsourcing strategies for smart mobile device users	4	First author	0	CCF Transactions on Pervasive Computing and Interaction	15:1-26	UGC Care List	2.100	<a href="#">View</a>	<a href="#">View</a>	30.25	30.25
2	2020	Designing energy efficient strategies using markov decision process for crowd-sensing applications	6	First author	0	Mobile Networks and Applications	25:932-42	UGC Care List	3.300	<a href="#">View</a>	<a href="#">View</a>	30.25	30.25
3	2020	A fault-tolerant approach to alleviate failures in offloading systems	4	Other co-author	3	Wireless Personal Communications	110(2):1033-55	UGC Care List	1.800	<a href="#">View</a>	<a href="#">View</a>	26.00	26.00
4	2020	Attention Based Fully Convolutional Neural Network for Simultaneous Detection and Segmentation of Optic Disc in Retinal Fundus Images	6	Other co-author	5	International Journal of Medical and Health Science	Vol 14, no 8, pp .200-204	UGC Care List	3.600	<a href="#">View</a>	<a href="#">View</a>	25.90	25.90
											<b>Total</b>	<b>112.40</b>	

#### III-B(i): Publications other than journal articles



Sl. No.	Yr.of Publ.	Type of Publication	Title of the Chapter/ Paper	Title of the Book/ Proceedings	No.of authors	Name of Publisher	Status of Publisher	ISBN/ISSN No	Doc. Link	Self Appraisal Score	Verified API Score
1	2017	Book Chapter/ Conf. Proceedings	Strategic decision for crowd-sensing: An approach based on Markov decision process	IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS) 2017	3	IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS) 2017	International	978-1-5386-2347-3	<a href="#">View</a>	3.33	3.33
2	2018	Book Chapter/ Conf. Proceedings	A framework for mobile crowd sensing and computing based systems	IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS) 2018	6	IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS) 2018	International	978-1-5386-8134-3	<a href="#">View</a>	1.67	1.67
									Total	5.00	

### III-B(ii): Referring of Journal Papers from UGC list

Sl. No.	Journal Name	Title of the paper	Year of review submission	Review Invitation Letter link	Review submission document link	Self Appraisal Score	Verified API Score
					Total	None	

CATEGORY III-C: Research Projects

III-C (i): Sponsored Project

Sl. No.	Area of the Applicant	Title of the Project	Name of the Funding Agency	Duration (no.of years)	Grant Sanctioned (in Lakhs)	Upload Grant Letter link	Self Appraisal Score	Verified API Score
						Total	None	

III-C (ii): Consultancy Project

Sl. No.	Area of the Applicant	Title of the Project	Name of the Funding Agency	Duration (in months)	Amount Mobilized	Upload Grant Letter link	Self Appraisal Score	Verified API Score
						Total	None	

III-C (iii): Projects Outcome/Output

Sl. No.	Area of the Applicant	Type	Title	Level	Doc.No./ Patent No/ Other ref. no	Status (if patent only)	Upload doc.link	Self Appraisal Score	Verified API Score
							Total	None	

III-D: Research Guidance

Sl. No.	Name of the Student	Degree	Title of the Thesis	Status	Document Link	Self API Score	Verified API Score
1	Pravin Kumar Shaw	Mtech	Energy Efficient Task Offloading System for Mobile Devices Utilizing Cloud Computing	Degree awarded	<a href="#">View</a>	5.00	5.00
2	Dwaipayan Das	Mtech	An implementation of fault-tolerance in Offloading systems	Degree awarded	<a href="#">View</a>	5.00	5.00
3	Ishita Paul	Mtech	Effectiveness of Lockdown on COVID-19 Infected States of India During Pandemic	Degree awarded	<a href="#">View</a>	5.00	5.00
4	Saptargha Das	Mtech	Classification of Fake Images on Social Media	Degree awarded	<a href="#">View</a>	5.00	5.00
5	Priyonuj Dey	Mtech	Energy Efficient Resource Allocation in Mobile Edge Computing applying Binary Particle Swarm Optimization	Degree awarded	<a href="#">View</a>	5.00	5.00
6	Raksha Prasad	Mtech	Energy Efficient Task Execution through Edge federation utilizing Simulated Annealing	Degree awarded	<a href="#">View</a>	5.00	5.00
					<b>Total</b>	<b>30.00</b>	

**III-E : Fellowships, Awards and Invited lectures delivered in conferences / seminars****III-E : (i) Fellowship / Award from Academic Bodies/Associations**

Sl. No.	Type	Name of the Fellowship/Award	Name of the Awarding Body/Association	Level	Document Link	Self Appraisal Score	Verified API Score
					Total	None	

**III-E : (ii) Invited Lecture / Paper presented**

Sl. No.	Type	Title of the Lecture/Paper	Name of the Conference/ Seminar/ Workshop	Organized by	Venue	Duration of Seminar/ Workshop	Level	Document Link	Self Appraisal Score	Verified API Score
1	Paper presented	Strategic decision for crowd-sensing: An approach based on Markov decision process	IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS)	IEEE	C. V. Raman College of Engineering, Bhubaneswar, Odisha, India	17-20 December 2017	International	<a href="#">View</a>	5.00	5.00
2	Paper presented	A framework for mobile crowd sensing and computing based systems	IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS)	IEEE	Radisson Blu, Indore, India	16-19 December 2018	International	<a href="#">View</a>	5.00	5.00
								Total	10.00	

**III-E (iii): e-Learning Delivery Process/Material**

Sl. No.	Name of the Module	Name of the Course	Name of the Program	Document Link	Self Appraisal Score	Verified API Score
				Total	None	



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**ARPITA SARKAR - Final Report**

<b>Stage / Designation From:</b>	Assistant Prof. (Stage 2)
<b>Stage / Designation To:</b>	Assistant Prof. (Stage 3)
<b>Date of last promotion, ( if any ) :</b>	29-08-2017
<b>Date of eligibility for promotion :</b>	29-08-2022
<b>Assessment Period (no.of years):</b>	5

**API Score Summary**

<b>Category</b>	<b>Period</b>	<b>Self Appraisal Score</b>	<b>Status</b>
I	Yearly	100.00	Criteria Satisfied
II	Assessment Period	212.50	Criteria Satisfied
III	Assessment Period	157.40	Criteria Satisfied
II + III	Assessment Period	369.90	Criteria Satisfied

*Arpita Sarkar*

Signature of Applicant



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## Career Advancement Scheme(CAS) Forwarding Letter

To  
The Registrar  
Jadavpur University

Dear Madam,

Prof./Dr./Mr./Ms. ARPITA SARKAR, a faculty member in the Department/School of SCHOOL OF MOBILE COMPUTING AND COMMUNICATION, is applying for promotion under the "Career advancement scheme(CAS)" from Assistant Prof. (Stage 2) to Assistant Prof. (Stage 3).

I forward his/her application for submission to the University and for due consideration.

Thanking you

(Head of the Department/Director of School)

Date: 10.10.23

Seal