

**Application for Appointment of:
Faculty Members/Research Staff (Group A)
Indian Institute of Technology, Dharwad**

(Please type or write using BLOCK LETTERS)

Advertisement No.	<input type="text" value="B1/ 20162017"/>	Amount of Bank Draft enclosed [*]	<input type="text"/>
Post Applied for	<input type="text" value="Assistant Professor"/>	Name of issuing bank	<input type="text"/>
Department	<input type="text" value="Computer Science and Engineering"/>	Number and date	<input type="text"/>

1. Name in Full

(pl underline surname)

C	H	A	N	D	R	A	S	H	E	K	A	R		L	A	K	S	H	M	I	N	A	R
A	Y	A	N	A	N																		

Married	<input type="checkbox"/>	Single	<input checked="" type="checkbox"/>	Male	<input checked="" type="checkbox"/>	Female	<input type="checkbox"/>	(Please tick)
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2. Address:

Present

2	0	1-	Z	C	,	4	1	5,	S	A	D	D	L	E	B	A	C	K		R	O	A	D,	
T	6	J	4	M	6,		E	D	M	O	N	T	O	N	,	A	L	B	E	R	T	A	,	
C	A	N	A	D	A																			

Permanent

No	21	8th	C	R	O	S	S		S	T	R	E	E	T	,	S	U	N	D	A	R	A	M,	
N	A	G	A	R	,	M	E	D	I	C	A	L		C	O	L	L	E	G	E		R	O	A
T	H	A	N	J	A	V	U	R	-	6	1	3	0	0	4									

Fax

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Email

c	h	a	n	d	r	u	r	e	c	5	@	g	m	a	i	.	c	o	m					
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Telephone

Office																								
Res																								

3. Date of Birth:

2	3	1	1	1	9	8	4
Day		Month		Year			

4. Nationality

I	N	D	I	A	N									
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5. Present Employment:

Designation	P	O	S	T		D	O	C	T	O	R	A	L		F	E	L	L	O	W			
Organization	U	N	I	V	E	R	S	I	T	Y		O	F		A	L	B	E	R	T	A		
Date of Joining	5	J	U	L	Y		2	0	1	6													
Scale of Pay Rs.	58,000 CANADIAN DOLLARS PER ANNUM																						
Pay Rs.																							
Total emoluments (per month) Rs.																							

6. Basic pay expected at IIT-B as per advt.

Rs.

9	2	7	0	0																			
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7. (a) Tick mark the appropriate box if you belong to reserved category

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SC	ST	OBC

(b) Attested copy of certificate enclosed

<input type="checkbox"/>	<input type="checkbox"/>
YES	NO

8. Areas of specialization COMPUTER SCIENCE, MACHINE LEARNING, STOCHASTIC CONTROL, OPTIMIZATION

* Not required for SC/ST candidates and candidates applying from abroad.

9. Current areas of research : REINFORCEMENT LEARNING, OPTIMIZATION

10. Academic record starting with graduation : (please attach xerox copies of degree certificate)

Degree	College / University / Institute	Year of Joining	Year of Leaving	Percentage	Class / Division
B. TECH	NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY	2001	2005	8.61/10.00	I -Distinction
M. E	INDIAN INSTITUTE OF SCIENCE, BANGALORE	2008	2005	7.1/8.0	I (Medal of Honor)
Ph.D.	INDIAN INSTITUTE OF SCIENCE, BANGALORE	2010	2016	7.2/8.0	I

11. Employment (Particulars of your past position(s))

Employer	Position held	Date of Joining	Date of Leaving	Pay with Scale of pay
COSMIC CIRCUITS PVT LTD	ANALOG DESIGN ENGINEER	01-09-2005	17-06-2008	6.5 lacks per annum

12. Professional Training Received

Year	Nature of Training	Duration	Organization where training was provided

Name of the Body	Status of Membership : Life / Annual

Year	Conferences / Seminars attended	Title of paper read (if any)
2014	53 RD IEEE CONFERENCE ON DECISION AND CONTROL, LOS ANGELES, CALIFORNIA, USA	APPROXIMATE DYNAMIC PROGRAMMING WITH (MIN,+) LINEAR FUNCTION APPROXIMATION FOR MARKOV DECISION PROCESSES
2015	29 th AAAI CONFERENCE, AUSTIN, TEXAS, USA	A GENERALIZED REDUCED LINEAR PROGRAM FOR MARKOV DECISION PROCESSES

For Name and address of three referees (at least one of them should be familiar with your recent work)			
Name	CSABA SZEPESVARI	SHALABH BHATNAGAR	Y. NARAHARI
Occupation or Position	PROFESSOR	PROFESSOR	PROFESSOR
Address	DEPARTMENT OF COMPUTING SCIENCES	DEPARTMENT OF COMPUTER SCIENCE AND AUTOMATION	DEPARTMENT OF COMPUTER SCIENCE AND AUTOMATION
	UNIVERSITY OF ALBERTA	INDIAN INSTITUTE OF SCIENCE	
	CANADA	BANGALORE	BANGALORE

szepesva@ualberta.ca	shalabh@csa.iisc.ernet.in	hari@csa.iisc.ernet.in

szepesva@ualberta.ca	shalabh@csa.iisc.ernet.in	hari@csa.iisc.ernet.in
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SHIRISH SHEVADE		
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PROFESSOR		
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DEPARTMENT OF COMPUTER SCIENCE AND	AUTOMATION, INDIAN INSTITUTE OF SCIENCE	Email: shirish@csa.iisc.ernet.in
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16. Statement of Objectives

a. Please indicate as to why you wish to join IIT Dharwad

The joy of learning and sharing knowledge has always been the driving force of my life. I consider myself fortunate to have interacted with enthusiastic fellow students and committed teachers during my bachelors, engineers with hands on practical experience during my stint in the industry, and researchers with deep analytical bent of mind during my PhD at the Indian Institute of Science. Learning, innovating and sharing of knowledge has been the forefront in all such interactions. As a consequence, my passion to be an academician and a researcher has grown stronger and stronger over the period of years. I believe that my passion for research and teaching, and my experience in the industry will be useful to the next generation of engineers. And, at the same time, I have much to gain from the contagious enthusiasm and curiosity of the younger generation, and I hope IIT Dharwad will enable this symbiotic relationship.

b. How in your opinion do you meet the job requirements as advertised?

I believe that my academic excellence, together with my passion for research and teaching is very apt for a prospective faculty at IIT Dharwad. I also hope that my post-doctoral experience and my experience in the industry are also apt for the position. (Please see resume attached for more details).

c. A short paragraph about the research/teaching/development projects you would like to undertake and the courses that you would like to handle at UG and PG levels.

Please find the attached documents

(Use a separate sheet if necessary)

17. I hereby declare that I have carefully read and understood the instructions and particulars supplied to me, and that all entries in this form as well as the attached sheets are true to the best of my knowledge and belief.

There are attached sheets along with this form.

Date :

Place :

.....
(Signature of Applicant)

Please provide the following information with application :

Use a separate sheet for each sub-heading in the format indicated. All annexures must bear your name.

a) TEACHING EXPERIENCE:

Serial No.	Title of course taught	Postgraduate or Undergraduate	Sole instructor or with others	Year
	Linear Algebra and Applications	Post Graduate	Teaching Assistant to Prof Vittal Rao	2012,2013,2014
	Foundations of Data Science	Post Graduate	Teaching Assistant to Prof. Ravi Kannan	2014

b) POST GRADUATE THESIS SUPERVISION :

Serial No.	Name of the Student / research scholar	Title of thesis	Doctorate or Master's level	Year of completion (or in progress)	Co-guide(s) (if any)
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Indicate any special work done towards developing new courses or laboratories.

c) SPONSORED PROJECTS UNDERTAKEN :

Sponsoring Agency	Title of project	Amount of grant	Period	Co-investigators (if any)
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d) CONSULTANCY WORK DONE :

Organization	Title of project	Amount of grant	Period	Co-investigators (if any)
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e) INDUSTRIAL EXPERIENCE/INTERACTION :

Organization	Nature of work	Period
Xerox Research India Limited	<p>Collaborated with Dr. Sujit Gujar and Dr. Chithralekha Balamurugan of XRCI, Prof. Shalabh Bhatnagar, Srujana Sadula, Ayush Dubey and Rishabh Singla from IISc. Project Title: Methods and System for Crowd Sourcing of Tasks</p> <p>Goals: To develop algorithms based on Reinforcement learning to enable automatic pricing of tasks in a crowd sourcing environment.</p> <p>1. Paper: Chandrashekar, L.; Dubey, A.; Bhatnagar, S. and Chithralekha, B., "A Markov Decision Process framework for predictable job completion times on crowdsourcing platforms", Proceedings of the Second AAAI Conference on Human Computation and Crowdsourcing, HCOMP 2014, Pittsburgh, Nov. 2-4, 2014.</p> <p>2. Patent: Methods and Systems for Crowdsourcing of Tasks (US 20160071048 A1).</p>	2012-2015

f) CONTINUING EDUCATION PROGRAMMES CONDUCTED :

g) LIST OF PUBLICATIONS :

- Chandrashekar, L. and Bhatnagar, S. "A Stability Criterion for Two Timescale Stochastic Approximation Schemes", Accepted for Publication in Automatica.

2. Chandrashekar, L.; Bhatnagar, S., "Approximate Dynamic Programming with (min,+) linear function approximation for Markov Decision Processes," 53rd IEEE Annual Conference on Decision and Control (CDC), December 15 – 17, 2014, Los Angeles California, USA.
3. Chandrashekar, L.; Bhatnagar, S., "A Generalized Reduced Linear Program for Markov Decision Processes," Twenty-Ninth AAAI Conference on Artificial Intelligence, January 25 – 30, 2015, Austin Texas, USA.

h) SHORT TERM COURSES/WORKSHOPS/SEMINARS ETC. ORGANIZED

I was part of the Organizing committee for the Indian Institute of Science- CSA Undergraduate summer school in Computer Science since its inception. I have also given introductory lectures on topics in Probability and Linear Algebra at the CSA, UG summer school. (<http://events.csa.iisc.ernet.in/summerschool2014/>)

i) AWARDS AND RECOGNITION

1. I was All India Rank 1 in the Graduate Aptitude Test in Engineering conducted in the year 2008 with a score of 1000/1000.
2. Presented with a Medal of Honor for Best student in Systems Science and Automation, Indian Institute of Science, 2008-2010.
3. Best research presentation award in the IIST-Research Scholars Day held at Indian Institute of Space Technology, Trivandrum, December 2013.
4. Best research presentation award in the Electrical Engineering and Computer Science Colloquium held at IISc, Bangalore, February 2015.

j) OTHER ACADEMIC AND CORPORATE ACTIVITIES

k) ANY OTHER RELEVANT INFORMATION YOU MAY LIKE TO FURNISH

Form to be returned to

The Registrar,
Indian Institute of Technology, Bombay
Powai, Mumbai – 400 076, INDIA

Telephone : 091-22-25722545
Fax : 091-22-25723480

