

**1. Details of the Teacher/ Academic :**

<b>Name &amp; Date of Birth</b> :	Shashank Srivastava 02/09/1981
<b>Date of Joining in IGNOU:</b>	16/01/2012
<b>Current Designation</b> :	Assistant Professor
<b>Pay Scale as on date</b> :	Level 10: 84700
<b>Qualifications</b> :	Phd

**2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:**

<b>Name of the recipient</b>	<b>Honour /Award/ Fellowship name/ membership of Professional body/ Statutory body</b>	<b>Agency name /Name of statutory body/ institution/ Apex body</b>	<b>Period</b>
<b>Shashank Srivastava</b>	Director's Commendation Certificate	<b>DEBEL DRDO</b>	2008-2011

**3. Books/Book Chapter:**

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN No

<b>SNo.</b>	<b>Name of Author1/ Editor 1, &amp; Co- author (s) / Co-editor (s) (if any)</b>	<b>Title of chapter/book</b>	<b>Place of publication</b>	<b>Publisher</b>	<b>Year</b>	<b>Total Pages</b>	<b>ISBN No.</b>

**4. Research Articles/Publications:**

<b>SNo.</b>	<b>Author/ Co-author (if any)</b>	<b>Title</b>	<b>Name of Journal</b>	<b>Volume</b>	<b>page no. (s)</b>	<b>Year</b>	<b>ISSN No</b>
1.	SHASHANK SRIVASTAVA, SURESH BHALLA, ALOK MADAN	ASSESSMENT OF HUMAN BONES ENCOMPASSING PHYSIOLOGICAL DECAY AND DAMAGE USING	JOURNAL OF INTELLIGENT MATERIAL SUSTEMS AND STRUCTURES	28 (14)	1977-1992	2017	

**(Duly authenticated by the Director/ Head of School/ Division/ Unit/Centre / Cell)**

		PIEZO SENSORS IN NON-BONDED CONFIGURATION					
2.	SHASHANK SRIVASTAVA, SURESH BHALLA	NUMERICAL EVALUATION OF NON-BONDED PIEZO SENSOR FOR BIOMEDICAL DIAGNOSTICS USING ELECTROMECHANICAL IMPEDANCE TECHNIQUE	INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN BIOMEDICAL ENGINEERING	35 (2)	Paper no. e3160	2019	
3.	SHASHANK SRIVASTAVA, SURESH BHALLA, ALOK MADAN	Shape Memory Alloy Actuation of Non-Bonded Piezo Sensor Configuration for Bone Diagnosis and Impedance Based Analysis	BIOMEDICAL ENGINEERING LETTERS	Under review			
4.	RAKESH KUMAR, SHASHANK SRIVASTAVA, A K GHOSH, BALRAJ GUPTA AJIT KUMAR	PARAMETRIC TREND STUDY DURING STABILITY ANALYSIS OF A TETHERED AEROSTAT	JOURNAL OF AEROSPACE SCIENCES AND TECHNOLOGIES	23 (2)	107-124	2011	

**5. Policy Documents Reports/ Mimeos:**

SNo.	Title	Institution/ Agency	Year
1.			
2.			
3.			

**6. Book Review published :**

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No

(Duly authenticated by the Director/ Head of School/ Division/ Unit/Centre / Cell)

**7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)**

SNo.	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1.	Author	FINITE ELEMENT MODELLING OF NON-BONDED PIEZO SENSORS FOR BIOMEDICAL HEALTH MONITORING OF BONES BASED ON EMI TECHNIQUE	SPIE	SPIE INTERNATIONAL CONFERENCE ON SMART STRUCTURES NDE	LAS VEGAS, NEVADA	MARCH 20 <sup>TH</sup> -24 <sup>TH</sup> , 2016
2.	Author	BIO-MEDICAL APPLICATIONS OF SMART PIEZO MATERIALS	ISEM	PROCEEDINGS OF 9 <sup>TH</sup> INTERNATIONAL SYMPOSIUM ON ADVANCED SCIENCE AND TECHNOLOGY IN EXPERIMENTAL MECHANICS (9 <sup>TH</sup> ISEM' 14)	NEW DELHI, PAPER NO. 064	01-06 NOVEMBER 2014
3.	Author	BIOMEDICAL APPLICATIONS OF SMART PIEZO SENSORS BASED ON EMI TECHNIQUE	JNU	PROCEEDINGS OF INTERNATIONAL CONFERENCE ON STEM CELL RESEARCH, CANCER BIOLOGY AND APPLIED BIOTECHNOLOGY (BIOTECH 2014),	JNU, NEW DELHI	03-04 MAY 2014

**8. Study Tour Organised/ Participated/ Attachment Organized/Internship:**

SNo.	Details of the tour	Name of coordinating body	Duration
1.			

**9. Consultancy assignment (if any):**

SNo.	Organization/ agency	Cost, title of consultancy	Duration

(Duly authenticated by the Director/ Head of School/ Division/ Unit/Centre / Cell)

**10. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):**

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed
1.	DEBEL,DRDO Fast Response Anti-G Valve Project	1500000	30/12/2008-30/12/2011	Completed

**11. Details of PhD and MPhil Scholars (including those awarded degree):**

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
1.			

**12. Details of Programmes/ Courses coordinated/ written/ edited/ translated:**

SN o.	Programme	Course	Unit (print)/ Audio/ Video/ eSLM	Coordinated/Written / Edited (content/ language/ format)/ Translated	Period
1.	BTAE			Coordinated	2012-2018

**13. Training programmes designed and conducted, duration and dates**

SNo.	Programme	Dates	Place	Number of Participants

**14. Details of Counselling sessions conducted:**

SNo.	Program me	Course	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1.	BTME	Refrigeration and Airconditionin g (BME-030)	New Delhi	19/02/2012	45 minutes	Teleconferencing
2.	BTME	Helicopter Dynamics (BME-020)	New Delhi		45 minutes	Teleconferencing
3.		Network Theorem	New Delhi	20/05/2012	45 minutes	Teleconferencing
4.	BTAE	Basic Control Theory (BAS-020)	New Delhi	20/05/2012	45 minutes	Teleconferencing
5.	BTME	Kinematics and Dynamics of Mechanisms	New Delhi	16/09/2012	45 minutes	Teleconferencing

		(BME-020)				
6.	BTME	Dynamics and Vibration (BME-020)	New Delhi	21/10/2012	45 minutes	Teleconferencing
7.	BTME	Dynamics and Vibration (BME-020)	New Delhi	20/01/2013	45 minutes	Teleconferencing
8.	BTME	I.C. Engines (BME-019)	New Delhi	10/11/2013	45 minutes	Teleconferencing
9.	BTME	(Virtual smart structures and dynamics laboratory) BME-025	New Delhi	20/04/2014	45 minutes	Teleconferencing
10.	BTME	Refrigeration and Airconditioning (BME-030)	New Delhi		60 minutes	Radiocounselling
10.	BTAE	Propulsion (BAS-013)	New Delhi	12/01/2014	60 minutes	Radiocounselling
10.	CETM	Energy, its form and conservation sources (OEY-001)	New Delhi	31/08/2018	60 minutes	Radiocounselling
11.	CETM	Introduction to certificate in energy technology and management programme	New Delhi	10/06/2018	60 minutes	Radiocounselling

**15. Details of Patents granted (if any):** A NOVEL PIEZO-SMA BASED WEARABLE DEVICE FOR ACQUIRING ELECTRO-MECHANICAL IMPEDANCE DIAGNOSTIC SIGNATURE OF HUMAN BONES (Filed)

**16. Contribution to IGNOU's corporate life:**

SNo.	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1.			

**17. Administrative position/s held in the University (even as in charge)**

SNo.	Designation	Period
1.	BTAE Program Coordinator/Cocoordinator	2012-2018

**18. Any other contribution/information**



**Signature of Teacher /Academic**

**Signature of Director/ Head**

