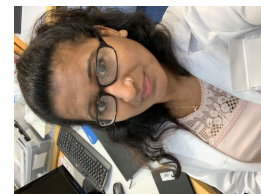


Anum Rasheed  
Doctoral Student  
BioMediTech  
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## Qualifications

Master of Science (Technology), Lappeenranta University of Technology  
Award Date: 29 Sep 2017

## Employment

### Doctoral Student

BioMediTech  
Tampere University  
1 Jan 2022 → present

### Doctoral Student, Doctoral Programme in Biomedical Sciences and Engineering

Doctoral Programme in Biomedical Sciences and Engineering  
Tampere University  
4 May 2018 → present

## Research outputs

### Chemical modification strategies for viscosity-dependent processing of gellan gum

Gering, C., Rasheed, A., Koivisto, J., Parraga Meneses, J., Tuukkanen, S. & Kellomäki, M., Oct 2021, In: Carbohydrate Polymers. 269, 118335.

### Extrusion-Based Bioprinting of Multilayered Nanocellulose Constructs for Cell Cultivation Using In Situ Freezing and Preprint CaCl<sub>2</sub> Cross-Linking

Rasheed, A., Azizi, L., Turkki, P., Janka, M., Hytönen, V. P. & Tuukkanen, S., 30 Dec 2020, (E-pub ahead of print) In: ACS Omega.

### Plant-Based Biodegradable Capacitive Tactile Pressure Sensor Using Flexible and Transparent Leaf Skeletons as Electrodes and Flower Petal as Dielectric Layer

Elsayes, A., Sharma, V., Yiannacou, K., Koivikko, A., Rasheed, A. & Sariola, V., 2020, In: Advanced Sustainable Systems. 4, 9, 2000056.

## Activities

### Different types of 3D bioprinting techniques : Bioprinting skin

Anum Rasheed (Examiner)  
27 Jan 2021 → 3 Jun 2021

### Pre-print crosslinking and cold stage - Key to extrusion of structurally stable multi-layered scaffolds

Anum Rasheed (Speaker)  
11 Dec 2020 → 15 Dec 2020

### Bio-printed volumetric constructs from nanofibrillated cellulose

Anum Rasheed (Speaker) & Sampo Tuukkanen (Contributor)  
23 Nov 2018

## **Prizes**

**4 year salary funding awarded by graduate school Tampere University**

Rasheed, Anum (Recipient), 1 Jan 2018

**Continuation of graduate school salary award 2022**

Rasheed, Anum (Recipient), 31 Mar 2021