

**National Institute of Technology, Tiruchirappalli:
Performa for CV of Faculty/ Staff Members**

M.Tech	Indian Institute of Technology Hyderabad	2020	8.96 (out of 10)	Materials Science and Metallurgical Engineering
B.Tech	RGUKT-NUZVID	2015	9.1 (out of 10) Distinction	Metallurgical and Materials Engineering

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
-	-	-	-

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To
-	-	-	-

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
2015	Gandhian Young Technological Innovation Award	SRISTI and National Innovation Foundation India
2017	Best Poster Presentation Award	International conference on Advances in Polymer Science and Technology
2017	Research Excellence Award	IIT Hyderabad

12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)
2021	Institute Postdoctoral Fellowship	IIT Bombay	07/2021	10/2022

13. Details of Academic Work

- (i) Curriculum Development
- (ii) Courses taught at Postgraduate and Undergraduate levels
-Nondestructive Testing, Introduction to Metallurgical Engineering
- (iii) Projects guided at Postgraduate level
- (iv) Other contribution(s)

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14. Details of Major R&D Projects

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed
-	-	-	-	-

15. Number of PhDs guided

Name of the PhD Scholar	Title of PhD Thesis	Role(Supervisor/ Co-Supervisor)	Year of Award
-	-	-	-

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
2017	Conference	International	Paper Presenter	Asian Polymer Association	Delhi India
2018	Conference	International	Paper Presenter	Carbon MEMS	Hyderabad India
2019	Conference	National	Paper Presenter	Association of Carbon Materials	Delhi India
2020	Conference	International	Speaker	ACS	Philadelphia USA

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
-	-	-	-	-

18. Invited Talks delivered

Topic	Date	Inviting Organization
-	-	-

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19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Student Member	Asian Polymer Association	0383

20. Academic Foreign Visits

Country	Duration of Visit	Programme
United kingdom	08/2016-09/2016	Student exchange

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
Ruchira Nandeshwar, Mani Pujitha Illa , Mudrika Khandelwal, Siddharth Tallur	Enzymatic degradation of bacteria cellulose derived carbon nanofibers (BC-CNF) by myeloperoxidase (MPO): Performance evaluation for biosensing.	Biosensors and Bioelectronics: X	12	100252-100262.	2022	-
Mani Pujitha Illa , Kalyani Peddapapannagari, Siju Cherikkattil Raghavan, Chandra S. Sharma, Mudrika Khandelwal	In situ tunability of bacteria derived hierarchical nanocellulose: current status and opportunities	Cellulose	28	10077–10097	2021	6.123

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Mani Pujitha Illa , Chandra S. Sharma, Mudrika Khandelwal	Catalytic Graphitization of Bacterial Cellulose derived Carbon Nanofibers for Stable and Enhanced Anodic Performance of Lithium-Ion Batteries	Materials Today Chemistry	20	100439-100441	2021	7.613
Mani Pujitha Illa , Anil D Pathak, Chandra S. Sharma, Mudrika Khandelwal	Bacterial Cellulose-Polyaniline Composite derived Hierarchical Nitrogen-Doped Porous Carbon Nanofibers as Anode for High Rate Lithium-Ion Batteries	ACS Applied Energy Materials	3	8676-868	2020	6.024
Mani Pujitha Illa , Chandra S. Sharma, Mudrika Khandelwal	Tuning the Physiochemical Properties of Bacterial Cellulose: Effect of Drying Conditions	Journal of Materials Science	59	12024–12035	2019	4.220
Mani Pujitha Illa , Mudrika Khandelwal, Chandra S. Sharma	Modulated Dehydration for Enhanced Anodic Performance of Bacterial Cellulose Derived Carbon Nanofibers	ChemistrySelect	4	6642–6650	2019	2.4
Mani Pujitha Illa , Mudrika Khandelwal, Chandra S. Sharma	Bacterial Cellulose-Derived Carbon Nanofibers as Anode for Lithium-Ion Batteries	Emergent Materials	1	105–120	2018	-

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Shital Yadav, Mani Pujitha Illa , Tulika Rastogi, Chandra S. Sharma,	High Absorbency Cellulose Acetate Electrospun Nanofibers for Feminine Hygiene Application	Applied Materials Today	4	62-70	2016	8.663
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(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
-	-	-	-	-	-	-

(C) Books & Monographs

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number
Mani Pujitha Illa, Shiva Kalyani Adepu, & Mudrika Khandelwal	Nanocellulose Materials In Micro and Nano Technologies	Elsevier	2022	9780128239636