

### CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

#### 3.3 Research Publications and Awards

**3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
63	7	14	1	0

S. No.	Name of the teacher	Title of the book /chapters published	Title of the paper	Web link of books	
1	Sudipta Kumar Mohanty	Application in Food and Pharmacology	Endophytic Fungi and Bioactive Metabolites Production: An Update	<a href="https://link.springer.com/chapter/10.1007/978-981-10-7140-9_21">https://link.springer.com/chapter/10.1007/978-981-10-7140-9_21</a>	
2	M. Anuradha	Red Sanders: Silviculture and Conservation	Red Sanders: Silviculture and Conservation Introduction		
3	Umalatha		Chemistry of Red Sanders		
4	B S Rashmi		Chemistry of Red Sanders		
5	M. Anuradha		Propagation of Red Sanders: An Overview		
6	B. K. Indu		Propagation of Red Sanders: An Overview		
7	M. Anuradha		Pests and Diseases of Pterocarpus santalinus		
8	Umalatha		Pests and Diseases of Pterocarpus santalinus		
9	B. K. Indu		Genetic Diversity and Conservation of Pterocarpus santalinus L.f.Through Molecular Approaches		
10	Sudipta Kumar Mohanty		Genetic Diversity and Conservation of Pterocarpus santalinus L.f.Through Molecular Approaches		
11	M. Anuradha		Genetic Diversity and Conservation of Pterocarpus santalinus L.f.Through Molecular Approaches		
12	M. Anuradha		Trade, Commerce and Socio-economic Status of Red Sanders		
13	B. K. Indu		Trade, Commerce and Socio-economic Status of Red Sanders		
14	M. Anuradha		Tree Improvement in Red Sanders		<a href="https://link.springer.com/book/10.1007/978-981-13-7627-6">https://link.springer.com/book/10.1007/978-981-13-7627-6</a>

15	B. K. Indu		Tree Improvement in Red Sanders	
16	Abhirami Panoth	Pulses : Processing and Product Development	Mung Bean	<a href="https://link.springer.com/chapter/10.1007/978-3-030-41376-7_12">https://link.springer.com/chapter/10.1007/978-3-030-41376-7_12</a>
17	M. Anuradha	Camptothecin and Camptothecin Producing Plants	Propagation of camptothecin biosynthesizing plants	<a href="https://www.sciencedirect.com/book/9780128204993/camptothecin-and-camptothecin-producing-plants">https://www.sciencedirect.com/book/9780128204993/camptothecin-and-camptothecin-producing-plants</a>
18	M. Anuradha		In vitro camptothecin production from plants: prospects and challenges	
19	B. K. Indu		In vitro camptothecin production from plants: prospects and challenges	
20	Umalatha		In vitro camptothecin production from plants: prospects and challenges	
21	M. Anuradha		Endophytes and camptothecin production	

**No Web links for the below listed book chapter and Conference Proceedings**

S. No.	Name of the teacher	Title of the book /chapters published	Title of the paper
1	Abhirami Panoth	Anti-oxidant foods & Drinks in India	Ginger ( <i>Zingiber officinale</i> )

S. No.	Name of the teacher	Title of the papers published in Nutraceutical World Conference Proceedings
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1	M. Anuradha	An Introduction to Nutraceutical world
2	Sudipta Kumar Mohanty	Bioactive compounds from Piper nigrum for antimicrobial therapy
3	Shilpa P.	Microgreens and nutraceutical benefits: A review
4	Sahana P.R	Microgreens and nutraceutical benefits: A review
5	Sarada Devi M.S	Development of encapsulated lactase-enriched frozen dairy products to mitigate Lactose Intolerance
6	M. Anuradha	Development of encapsulated lactase-enriched frozen dairy products to mitigate Lactose Intolerance
7	Dhanalakshmi G	In silico study of antifungal activity of Senna alata
8	Sudipta Kumar Mohanty	Identification and Phylogenetic profiling of Ligands for Probiotics
9	Preenon Bagchi	Identification and Phylogenetic profiling of Ligands for Probiotics
10	Indu B.K	Nutraceutical wine preparation from Garcinia cambogia (Kokum) fruits
11	Subbalakshmi G.	Nutraceutical wine preparation from Garcinia cambogia (Kokum) fruits
12	Manjubhargavi O. J.	Nutraceutical wine preparation from Garcinia cambogia (Kokum) fruits
13	Umalatha	Development of Nutraceutical Biscuits Incorporating Jackfruit Seeds and Horse Gram: Physicochemical, Sensory, and Nutritional Evaluation
14	M.R.Raghunath	Development of Nutraceutical Biscuits Incorporating Jackfruit Seeds and Horse Gram: Physicochemical, Sensory, and Nutritional Evaluation
15	Manjubhargavi O. J.	Borassus flabellifer and its nutraceutical benefits: A critical review
16	Shruthi A.M	Borassus flabellifer and its nutraceutical benefits: A critical review
17	Subbalakshmi G.	Extraction of Food colour from Bouganvillea flowers
18	Rashmi D	Extraction of Food colour from Bouganvillea flowers
19	Rajini J	Extraction of Food colour from Bouganvillea flowers
20	Nethra S	Comparative review of Melia azadirach and Azadirachta indica important medicinal trees
21	Divyashree M.S	Comparative review of Melia azadirach and Azadirachta indica important medicinal trees
22	Preenon Bagchi	Development of Nutraceutical Chocolate with Brahmi Extract for Cognitive Health
23	Sudipta Kumar Mohanty	Development of Nutraceutical Chocolate with Brahmi Extract for Cognitive Health
24	Sudipta Kumar Mohanty	Leptedenia reticulata: A Critical Review on Nutraceutical Properties
25	Preenon Bagchi	Leptedenia reticulata: A Critical Review on Nutraceutical Properties
26	Shilpa P	Yogurt with natural sweetner and beta carotenes
27	Sarada devi M.S.	Yogurt with natural sweetner and beta carotenes
28	Ashwini M.	Momordica Cybellaria: A Potent Antidiabetic Plant

29	Suresh Babu	Momordica Cybellaria: A Potent Antidiabetic Plant
30	Shruthi H.P	Momordica Cybellaria: A Potent Antidiabetic Plant
31	Indu B. K	Exploring the Feasibility of Ice Cream Preparation using Beet Root and Shankhpushpi Flower Extract
32	Indu B. K	Memory-Boosting Soup Prepared with Centella asiatica and Millets: A Nutritious and Delicious Recipe
33	M. Anuradha	Healthy Jam for Your Wellness: Nutraceutical Jam Made with Bhel Fruit and Natural Gelling Agent
34	Umalatha	Sustainable Protein Source: Edible Protein Extraction from Silk Worm Pupal Waste
35	Subbalakshmi G	Sustainable Protein Source: Edible Protein Extraction from Silk Worm Pupal Waste
36	Shilpa P.	Nutra jelly preparation with ingredients of Chywanprash
37	Subbalakshmi G	Exploring the Nutraceutical benefits of Watermelon Rind
38	Sarada devi M.S.	Exploring the Antioxidant Properties of Grapefruit Waste: A Review
39	Rashmi B.S	Development of Nutraceutical Chocolate Incorporating Mulberry Fruit: Physicochemical, Sensory, and Nutritional Evaluation
40	M.R Raghuanth	Development of Nutraceutical Papad with Moringa Leaf and Horse Gram
41	Nagamani J.E	Nutraceutical benefits of chia seeds: A critical review
42	Sowmya Rajashekar	Nutraceutical benefits of chia seeds: A critical review
43	Shilpa P.	Nutraceutical benefits of chia seeds: A critical review
44	Rashmi D	Antimicrobial and Antidiabetic Properties of Melia azadirach: A Comprehensive Review
45	Sriharsha D.V.	Antimicrobial and Antidiabetic Properties of Melia azadirach: A Comprehensive Review
46	Sumanth B.	Antimicrobial and Antidiabetic Properties of Melia azadirach: A Comprehensive Review
47	Raju Krishna Kishore	Need for Big Data Analytics for Identification of Export Potential of Indian Nutraceutical Herbs
48	Roopesh Kumar	Need for Big Data Analytics for Identification of Export Potential of Indian Nutraceutical Herbs
49	Umalatha	Bioprospecting of pomegranate rind for nutraceutical principles
50	Subbalakshmi G	Bioprospecting of pomegranate rind for nutraceutical principles
51	Indu B.K	Bioprospecting of pomegranate rind for nutraceutical principles
52	Dr. Anuradha	Pepper mint tea - a potent nutraceutical for PCOD management
53	M, Shruthi A.M	Pepper mint tea - a potent nutraceutical for PCOD management
54	Dhanalakshmi G.	Pepper mint tea - a potent nutraceutical for PCOD management
55	Dhanalakshmi G,	Nutraceutical and millet milk yogurt: A review
56	Rajani J,	Nutraceutical and millet milk yogurt: A review
57	Manjubargavi O.J	Nutraceutical and millet milk yogurt: A review

58	Manjubargavi O.J	A critical review about nervine nutraceuticals for Parkinson's disease management
59	Ashwini M	A critical review about nervine nutraceuticals for Parkinson's disease management
60	Rashmi D	A critical review about nervine nutraceuticals for Parkinson's disease management
61	Subbalakshmi G	Food for thought: Nutrition and nutraceuticals from traditional foods
62	Umalatha	Food for thought: Nutrition and nutraceuticals from traditional foods
63	Raghunath M.R	Food for thought: Nutrition and nutraceuticals from traditional foods