



# ST. ALOYSIUS' COLLEGE

**AUTONOMOUS  
JABALPUR- 482001  
MADHYA PRADESH, INDIA**

## CRITERION-3

### RESEARCH, INNOVATIONS AND EXTENSION

**Key Indicator – 3.4**

**Research Publications and Awards**



**Metric No.: 3.4.4**

**Books/Chapters Published**



**Document Name**

**Other Relevant Information**

**2020-2021**





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(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

## Research Publications and Awards

### 3.4.4 Number of Books and Chapters in edited volumes published per teacher

2020-2021

Sl. No.	Name of the Teacher	Department	Title of the Chapter published	Title of the Book published
1.	Dr. G. Vazhan Arasu, Dr. Siby Samuel, Dr. Elena Philip	Economics, Computer Science	Edited Book	Effective Strategies for Teaching and Learning
2.	Dr. G. Vazhan Arasu, Dr. Mita Darbari	Economics, Mathematics	Edited Book	Deliberations on Advances in Physical, Mathematical and Computational Sciences
3.	Dr. G. Vazhan Arasu, Dr. Anjali D'souza	Economics, Chemistry	Edited Book	Health and Hygiene during COVID-19 Pandemic
4.	Dr. Laxmikant Pandey	Biotechnology	Authored Book	DNA Barcoding: A Molecular Tool
5.	Dr. Manju Maria Solomon	History	Authored Book	History of India from 1858 AD to 1950 AD
6.	Dr. G. Vazhan Arasu	Economics	Human Progress Measured by the Human Development Index: The Capabilities Approach Advocating State Protection of Freedoms	Human Capital and Development
7.	Dr. Elena Philip	Economics	Impact of Sustainable Sanitation on Socio-Economic Development of India	Health and Hygiene during COVID-19 Pandemic
8.	Dr. Reeta Chouhan	Economics	Workplace Stress Management to Enhance Productivity	Health and Hygiene during COVID-19 Pandemic
9.	Dr. Anthonima K. Robin	Economics	Role of Yoga on the Students in India- An Overview	Health and Hygiene during COVID-19 Pandemic
10.	Dr. Renu Markande	Economics	Quantitative and Qualitative Indicators: Fostering Quality Teaching and Learning in Higher Education	Health and Hygiene during COVID-19 Pandemic
11.	Dr. Elena Philip	Economics	The Domestication of Human Beings with Their Own Externalized Met are presentations: Drawing Human Capital from Enculturation	Effective Strategies for Teaching and Learning



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12.	Dr. Ashu Jain	Commerce	Customary Law of Water Control in Dynastic China and Indian Sacred Rivers Generating Public Moral Behaviour: A Human Capital Comparative Analysis	Human Capital and Development
13.	Dr. Ashu Jain	Commerce	Impact of Innovative Teaching Methods on Learning Outcomes	Human Capital and Development
14.	Dr. Rupali Ahluwalia	Commerce	Impact of Innovative Teaching Methods on Learning Outcomes	Effective Strategies for Teaching & Learning
15.	Dr. Nidhi Khurana	Commerce	A Study on Stress Management with Special Reference to Educated Unemployed	Effective Strategies for Teaching and Learning
16.	Hepzibah B. John	Commerce	Role of Yoga on the Students in India- An Overview	Health and Hygiene during COVID-19 Pandemic
17.	Dr. Preeti Jain	Commerce	The Pandemic Dimensions of Supply Chain Management-Uplifting the Previously Existing Scenarios	Recent Perspectives in Management
18.	Dr. Komal Rawat	Commerce	Impact of Innovative Teaching Methods on Learning Outcomes	Effective Strategies for Teaching and Learning
19.	Dr. Vishwas Patel	Political Science	Yoga as a Healthy Way of Life	Health and Hygiene during COVID-19 Pandemic
20.	Dr. Tuhina Johri	Political Science	Yoga as a Healthy Way of Life	Health and Hygiene during COVID-19 Pandemic
21.	Dr. Anjali D'souza	Chemistry	Quantitative & Qualitative Indicators: Fostering Quality Teaching & Learning in Higher Education	Effective Strategies for Teaching and Learning
22.	Dr. Smarika Lawrence	Chemistry	Bio Pesticides as a potential alternative for Pesticides: A Review	Health and Hygiene during COVID-19 Pandemic
23.	Dr. Mita Darbari	Mathematics	Harshad Numbers & Pythagorean Triangles	Deliberations on Advances in Physical, Mathematical and Computational Sciences
24.	Dr. Pratibha	Mathematics	Regular Fine Continuity	Deliberations on Advances in Physical, Mathematical and Computational Sciences
25.	Dr. Archana Pasari	Mathematics	An Easy Method to find Cube of 11 to 19 by Vedic Mathematics	Deliberations on Advances in Physical, Mathematical and Computational Sciences
26.	Dr. Mandira Kar	Mathematics	Usage of Mathematics as a Pedagogic Tool in Teaching Economics	Interdisciplinary Approach in Education and Industrial Requirements
27.	Dr. Pratibha Richhariya	Mathematics	Ideal Parenting	Health and Hygiene during COVID-19 Pandemic



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28.	Dr. Mandira Kar	Mathematics	Online Education: Opportunity Post COVID-19	Pandemic 2020: Opportunities and Challenges
29.	Dr. Pratibha Richhariya	Mathematics	A Report on Awareness About Government Schemes in Rural Areas	Health and Hygiene during COVID-19 Pandemic
30.	Dr. Mita Darbari	Mathematics	Mathematics, Pythagoras, Health and Nature	Health and Hygiene during COVID-19 Pandemic
31.	Dr. Akhilesh Pathak	Mathematics	Fixed Point Theorems with Rational Type Contraction in Complex Valued Metric Spaces	Deliberations on Advances in Physical, Mathematical and Computational Sciences
32.	Satyendra Jain	Mathematics	Fixed Point Theorems with Rational Type Contraction in Complex Valued Metric Spaces	Deliberations on Advances in Physical, Mathematical and Computational Sciences
33.	Dr. Laxmikant Pandey	Biotechnology	Authentication of Its 2 Region as a DNA Barcode Candidate for Medicinally Important Plant Aparajita (Clitoria Ternatea)	Recent Research in Agriculture for Doubling of Farmer's Income
34.	Mr. Enosh Philips	Biotechnology	Biohydrogen Production from Cellulosic Waste Biomass	Bioenergy Research: Evaluating Strategies for Commercialization and Sustainability
35.	Mr. Enosh Philips	Biotechnology	Biobutanol Production and enhancement	Bioenergy Research: Evaluating Strategies for Commercialization and Sustainability
36.	Dr. Manju Maria Solomon	History	Mother and Child Health Welfare Schemes in India	Health and Hygiene during COVID-19 Pandemic
37.	Dr. Shikha Bansal	Botany	Bio-Cosmetics	Health and Hygiene during COVID-19 Pandemic
38.	Mrs. Roshni Choubey	Botany	Vital Nutrients for women health: A study relating Science and Religion	Health and Hygiene during COVID-19 Pandemic
39.	Dr. Ashu Jain	Commerce	Consequences of Covid – 19 on Business and Entrepreneurship: A Case Study of Jabalpur District of MP, India	New Normal and COVID-19
40.	Dr. Sarita Goel	Commerce	"Bharat Mein Bahubhashikta Tatha Hindi Bhasha Ki Chunaotiya Evam Samadhan "	Hindi Sarvtra Vidhite
41.	Dr. Shweta Likhitkar	Chemistry	Determination of Carbohydrates and Sugar contained Analysis of Vegetables and Fruits	Health and Hygiene during COVID-19 Pandemic
42.	Dr. Amita Chhatri	Chemistry	Obesity in Children : An Alarming Health Issues	Health and Hygiene during COVID-19 Pandemic
43.	Dr. Juhi Sharma	Botany	Preparartion of Biodegradable Sanitary Napkin: Forging	Health and Hygiene during COVID-19 Pandemic



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			Segment of Women Health and Hygiene	
44.	Dr. Mary Raymer	English	Feminism and Feminine Mental Health: A Psychoanalytical Study of the Novels of Shashi Deshpande	Health and Hygiene during COVID-19 Pandemic
45.	Dr. Sutapa Roy	Chemistry	Pollution of Drinking Water and its Effects on Health : Review	Health and Hygiene during COVID-19 Pandemic
46.	Dr. Manju Gupta	Chemistry	Iodine, a Critically Important Nutrient in Daily Diet	Health and Hygiene during COVID-19 Pandemic
47.	Mrs. Meeta Agrawal	Education	Prevention of Innumerable Diseases from Alkaline Water	Health and Hygiene during COVID-19 Pandemic
48	Dr. Anjali D'souza	Chemistry	A Fruit Remedy: for Urinary Tract Infection	Health and Hygiene during COVID-19 Pandemic