

**GOVT. HOLKAR (MODEL AUTONOMOUS)
SCIENCE COLLEGE, INDORE**



(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)



SSR DOCUMENT

2017-18 TO 2021-22

CRITERION – 3

Research, Innovations and Extension

Metric No. : 3.1.2

Document Title:

List of Faculty who have been provided with Seed Money for research along with the title of the project



Government Holkar (Model Autonomous) Science College, Indore (M.P.) Bhawarkuan, A.B. Road, Indore (M.P.) 452001

List of faculty who have been provided with seed money for research along with the title of the project for the Academic Year 2017-2018 to 2021-22

Name of the teacher provided with seed money	Department	Date of grant DD-MM-YYYY	Academic Year	Amount granted (INR in Lakhs)	Duration (Year)	Title of The Project
Dr. Anamika Jain	Chemistry	12-07-2022	2022-23	18	1	Comparative determination of Ca and Mg in drugs by AAS.
Dr. Aparnaa Gandhe	Chemistry	12-07-2022	2022-23	18	1	Identification of components in a solid tablet by FTIR technique .
Dr. Geetha Sarasan	Forensic Science	12-07-2022	2022-23	7.9	1	Correlational study between the occupational marks and fingerprint impression
Dr. Netram Kaurav	Physics	12-07-2022	2022-23	7.1	1	Theoretical studies of pressure induced structural phase transformation in nickel silicide
Dr. N. Dagaonkar	Physics	26-07-2021	2021-22	3.2	1	Structural, optical and dielectric properties of [(PVP:PVA)-Cr ³⁺] and (PVP:PVA)-La ³⁺] composite films
Dr. Netram Kaurav	Physics	26-07-2021	2021-22	8	1	Synthesis and characterization of BiFeO ₃ -BaTiO ₃ based composites
Dr. R. Garg	Maths	26-07-2021	2021-22	1.1	1	web-based solution for students Enrolments for the examination for an autonomous college

Dr. Ashok Baura	Chemistry	26-07-2021	2021-22	1.175	1	Critical review of paper settings process, data handling and maintain of confidentiality.
Dr. Sanjay Vyas	Microbiology	26-07-2021	2021-22	1.05	1	Study of biological databases for protein and nucleic acid determination
Dr. Rekha Sharma	Zoology	26-07-2021	2021-22	3	1	Ecological study of a fresh water pond exploring the importance of fishes and macro invertebrates
Dr. Vipul Keerti Sharma	Zoology	26-07-2021	2021-22	0.15	1	Seasonal diversity of birds at sirpur wetland
Dr. Kiran Billore	Biotechnology	26-07-2021	2021-22	17.05	1	In vitro production of secondary metabolites by using plant tissue culture technology
Dr. G. D. Gupta	Physics	15-07-2020	2020-21	1.4	1	Identification of best practises in central valuation for an autonomous college
Dr. R. C. Dixit	Physics	15-07-2020	2020-21	0.865	1	Investigation of heat capacity in Nb doped nickel oxide
Dr. P. K. Sharma	Physics	15-07-2020	2020-21	0.499	1	Design and development of a centre for online examination.
Dr. Sanjay Vyas	Microbiology	15-07-2020	2020-21	3	1	Estimation of unknown DNA concentration by DPA method
Dr. Kiran Billore	Biotechnology	15-07-2020	2020-21	3.25	1	The effect of growth regulators on micropropagation of medicinal plants by using plant tissue culture technology
Dr. Angurbala Bafna	Biochemistry	15-07-2020	2020-21	3.5	1	Soluble silica induced alleviation of lead toxicity in arhar (Cajanus Cajan)

Dr. M. K. Dwivedi	Pharmaceutical Chemistry	15-07-2020	2020-21	3.5	1	Antioxidant and antimicrobial activity of essential oil extracted from trachyspermum ammi (Ajwain) seeds: An in-vitro study
Dr. Bhawana Churasiya	Physics	15-07-2020	2020-21	1.8	1	Investigation of structural and dielectric properties of double perovskite $\text{Ho}_2\text{NiMnO}_6$
Dr. Nidhi Parmar	Physics	15-07-2020	2020-21	3	1	Role of surfactant on optical and structural properties of Zinc Oxide nanomaterials
Dr. M. K. Dwivedi	Pharmaceutical Chemistry	05-09-2019	2019-20	0.25	1	Studies on activated sludge from common effluent treatment plant as an adsorbent for the removal of dyes from aqueous solution
Dr. Sanjay Vyas	Microbiology	10-07-2018	2018-19	0.2	1	Microbial analysis of water samples from different locations of Govt Holkar Science College Campus
Dr. Santosh Gaherwal	Zoology	10-07-2018	2018-19	0.2	1	A comparative study of birds diversity and its relationship with insect fauna in green spaces of Indore city.
Dr. Santosh Gaherwal	Zoology	20-09-2017	2017-18	0.2	1	Studies on toxicity of natural and synthetic arsenic based compound on clarias batrachus
Dr. M. K. Dwivedi	Pharmaceutical Chemistry	20-09-2017	2017-18	0.6	1	Adsorptive removal of dyes by coal fly ash: Equilibrium and Thermodynamic Studies.