

Academic, Extension and Social Responsibility Activities of Faculty of Agriculture (Annual Report : 2022-23)



RKDF UNIVERSITY

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Academic Activities

A) Student Intake and Attrition (2022-23)

Year	Sanctioned strength of students (No.)	Actual students admitted (No.)	Attrition
1.	120	50	16

B) Research paper published by faculties

S. No.	Title of paper / Book/ Patent	Name of the author/s	Name of Journal/ Conference /Book Publisher / Patent Country	Year of publication	ISSN number
1	Biofuel Production through Algae Route using Solar Assisted Carbon Capture Plant	Meenakshi Samartha, Ravi Kumar Singh Pippal, Vinod Krishna Sethi,	IOP Conference Series: Earth and Environmental Science	2022	Online ISSN: 1755-1315
2	Effect of sublethal Concentration of zinc on fresh water fish Channapunctatus	Shazia Bashir and Meenakshi Samartha	International Journal of Entomology Research. Volume 7, issue 9, ISSN: 2455-4758 pg no. 13-19.	2022	ISSN : 2455-4758
3	A Study on Few Physio-chemical Parameters of Water with Special Reference to Upper Lake of	Shazia Bashir and Meenakshi Samartha	Applied Ecology and Environmental Sciences. Volume 10, 2022 - Issue 11 2328-3920	2022	ISSN (Print): 2328-3912

	Bhopal		10(11), 679-684.		
4	Utilization of Tea Polyphenols Against Pesticide Induced Toxicity: International and National Scenario. Frontiers	Devojit K Sarma, Manoj Kumar, Swasti Shubham, Meenakshi Samartha, Pritom Chowdhary and Ravindra Samartha	Frontiers in Bioactive Compounds Vol 3 , Chapter 10 Pg 215-232.	2022 (Book Chapter)	ISSN: 2468-6395 (Print)
5	A leaf image localization based algorithm for different crops disease classification.	Yashwant Kurmi and Suchi Gangwar	Information Processing in Agriculture	2022	2214-3173
6	Water Productivity of Capsicum and Tomato under different Growing Environments.	K.V. Ramana rao*, Suchi Gangwar, Kumar Soni and Deepika Yadav	Indian Journal of Ecology (2022) 49(3): 763-767	2022	DOI:10.53550/AJMBES.2022.v24i02.032
7	Development of electrically heated dryer for turmeric	Diwakar Tiwari, Dr. Mukesh Shriwastava, Neha Pachlasiya and Charu Bhagat	The Pharma Innovation Journal	2022	ISSN: 2349-8242
8	An Analysis of Sugarcane Farming and Jaggery Production in Narsinghpur District of Madhya Pradesh vis-a-vis Growers' Characteristics and Economic Motivations	Kourav PS, Bisht K, and Singh PK	Asian Journal of Agricultural Extension, Economics & Sociology	2022	2320-7027
9	Exploring the economic and social	Kourav PS, Bisht K, Singh PK and Shrivastava S	International Journal of Agriculture	2022	0975-3710

	significance of jaggery production and marketing: Challenges and solutions for sugarcane growers in Narsinghpur district of Madhya Pradesh		Sciences		
10	Advance Trends in Agriculture Extension. Vital Biotech Publication	Sanjana Shrivastava, Sheetal Patel, Sneha Pandey, Mamta Patel and Prashant Singh Kourav	Vital Biotech Publication	2022	978-93-92953-15-6
11	Role of abiotic factors and crop age on FAW infestation in maize	K. Pragya, Das SB and Kakade S	The Pharma Innovation Journal	2022	SP-11(9): 1603-1605
12	Evaluation of cultivation of tubers and spices in polypropylene bags: An option	Patil D, Thomas M, Kakade S, Khichi A, Raut V, Anjana G, Patel SK, Vajpayee S, Patidar R.	Current horticulture	2022	10 (1): 29-31

Visit of Agriculture Students to National Institutes and Farmers Field Visit

Students visited Central Farm Machinery Training and Testing Institute, Budni 12th April 2022



Students visited Central Institute of Agriculture Engineering Bhopal on 09 May 2022



Students Visited International Horti Expo at BHEL Dassehra Maidan, Bhopal, on 20/02/2022



Students Visited Goat Farm at Bawadiya Kalan, Bhopal, on 05/07/2022



Students visited Central Institute of Agriculture Engineering Bhopal on 10 July 2022



Students visited to Farmers field at Lambakheda on 05/04/2022



Students visited dairy farm at Bhadbhada, Bhopal on 11 August 2022



Extension Activities by Faculty & Students of Agriculture

Faculty of Agriculture, RKDF University, Bhopal organized one day Programme on "Chaupal Charcha " On 05 May 2022



Faculty of Agriculture, RKDF University, Bhopal organized one day Programme on Training for Kharif Crop Season at Bisenkhedi, Bhopal on 25 June 2022



Faculty of Agriculture, RKDF University, Bhopal organized one day Programme on Value Addition of Minor Millets at Dobra village on 15 Jan 2022



Faculty of Agriculture, RKDF University, Bhopal organized one day Programme on Woman Group Learning Spawn Preparation for Mushroom Cultivation at University on 5 January 2024



Faculty of Agriculture, RKDF University, Bhopal organized one day Programme on Nursery

Management Learning and training program at Jatkhedi Bhopal on 11 October 2022




Faculty of Agriculture, RKDF University, Bhopal organized one day Programme on Kisan se Charcha on 11th November 2022 at Kurana Village, Bhopal




Published Leaflets by Faculty of Agriculture


RKDF/Agri/2019/03



पी.एच. मीटर और डी.सी. मीटर




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मृदा परीक्षण

प्रस्तुतकर्ता

- रघुवीर अहिरवार
- डॉ. सतीश भागवतराव आहिर
- डॉ. सुधी गंगवार
- डॉ. अजित नागवर्षी



मृदा परीक्षण प्रयोग शाला

प्रबन्धक
डॉ. शशि सिंह (अधिष्ठाता) कृषि संकाय

रामकृष्ण धर्मार्थ फाउंडेशन विश्वविद्यालय
गांधीनगर, भोपाल - 462033 (मध्यप्रदेश)



रगी

- रगी में सबसे ज्यादा कैल्शियम पाया जाता है।
- 100-350 मिली घन - 100 ग्राम।
- रगी में सबसे ज्यादा खनिज पाया जाता है।
- रगी में प्रोटीन 8-9% और रसा 1.4-2% से मात्र पाया जाता है।
- रगी प्रोटीन सफल कृषि उपजों के कारण अनुपयोगी है।
- फिने हुए रगी 6 मिनट में पका जाती है। उमाले रगी में जीव अणुज पकाने से बाद भी नरल बनावट के साथ अन्न आकार बनाए रखते।

बेकरी उत्पाद

खाद, रस और आकामी से पकने वाली प्रकृति के कारण रगी पशु के जठन विभिन्न बेकरी उत्पादों के निर्माण होते हैं। बेकरी उद्योगों के विना रगी का कोई भी पशु मनुष्य अनुपयोगी है। बेकरी उत्पाद दिन-रात प्रमुख होते जा रहे हैं। रगी का आकारकाल जठनों के पच नराल बनाने पर ज्यादा कार्य करने को सहाय नहीं है, इसलिए अन्य बीजांशों की तरह ब्रेड और दूध का विस्तृत में दुग्धी उत्पाद से ली है। वे नरालों की अच्छी आपूर्ति करते हैं और इसलिए ज्यादा रूप से उपलब्ध हैं। फिने हुए रगी के अटे की उपज ब्रेड (100%), बंक (80%) और कुकीज (80%) को पारंपरिक करने के लिए 100 से 200 के स्तर तक विभिन्न विन्यासों में छोटे कणों को शामिल किया गया है।



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राम कृष्ण धर्मार्थ फाउंडेशन विश्वविद्यालय
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रगी द्वारा बेकरी उत्पादों का उत्पादन



प्रस्तुतकर्ता: चारु ममत
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सोयाबी की उत्पादन तकनीक



गेहूँ की उत्पादन तकनीक



अरहर की उत्पादन तकनीक

प्रस्तुतकर्ता

1. डॉ. सुधि गंगवार
2. श्री संतोष शर्मा
3. श्री पीयूष श्रीवास्तव

Contact No.: 9407522821, 9412547626

Major Achievement by Agriculture Department



Dr. Suchi Gangwar received Academic Excellence Award of University on 5 September 2022



Dr. Meenakshi Samartha received Research Excellence Award of University on 5 September 2022



Dr. Suchi Gangwar received Star of the Campus Award on the occasion of Foundation Day of University on 14 Feb 2022

Preparation of Ragi Cookies at Food Processing Lab



Preparation of Chocolates at Food Processing Lab



Cleaning of Moringa Leaves



Packed Moringa Leaves Powder



Cultural Activities of Agriculture Students

Farewell of 2018 Batch B.Sc (Hons) Agriculture on 03 June 2022



NSS Activities by Agricultural Students

Students and faculties participated in World Earth Day

Programme under NSS on 22 April 2022



Students and faculties participated in Yuva_Divas Program

Under NSS on 12 January 2022



Students participated in World AID Day Under NSS on 01 January 2022



Students participated in Nukkad Natak on 03 March 2022



Organization of Seminar & Workshop by Department of Agriculture

Silent witnesses speak volumes at the crime scene in Forensic law on 14-12-2022



Faculty of Agriculture, RKDF University Bhopal organized Seminar on “Effect of Climate Change in Productivity of Agriculture Crops” at 12 August 2022



Key Note Speaker Dr. Sandip Gangil, Principal Scientist ICAR-CIAE Bhopal, (MP)



Faculty of Agriculture, RKDF University Bhopal organized Seminar on "Cooperative Awareness" at 15 December 2022



Vegetable Cultivation in Polyhouse



Strawberry Production under Polyhouse



Cauliflower Production under Polyhouse



Preparation Under Polyhouse for Broccoli Cultivation



Preparation of Plants in Nursery



Preparation of flowers plants in nursery by the students



Preparation of mango plants in the nursery



Flower plants in the nursery



Moringa plants prepare in the nursery



Marigold plants prepare in the nursery



Vegetables Nursery Preparation in Pro-Tray Method

Production of Crops & Vegetables at University Agriculture Farm



Brinjal Production in Agriculture Farm



Pea Production in Agriculture Farm



Tomato Production in Agriculture Farm



Mushroom Production



Okra Production in Agriculture Farm



Vegetable Production in Agriculture Farm



Green Vegetable Production in Agriculture Farm



Green Birnjal Production in Agriculture Farm

**Farmers visited our
farm and attended
training program**

S.No.	Farmer Name	Village
1	Shri Abhiraj Mishra	Gondhrmhow
2	Shri Vikash Singh	Kurana
3	Shri Balram Singh	Kurana
4	Shri Yogesh Singh	Chandpur
5	Shri Ramcharn Meena	Gondhrmhow
6	Shri Awadh Bihari Meena	Mubarakpur
7	Shri Bhoop Singh	Mubarakpur
8	Shri Kunaal Meena	Chandpur
9	Shri Ramdeen Singh	Chandpur
10	Shri Rambabu	Gondermau
11	Mrs. Savitri Meena	Gondermau
12	Ku. Rekha	Gondermau
13	Mrs. Meera Ahirwar	Chandpur
14	Mrs. Gaytri Ahirwar	Kurana
15	Ku. Meena Verma	Chandpur
16	Mrs. Anita Mali	Chandpur
17	Mrs. Sangita Mali	Chandpur
18	Ku. Sangita	Gondermau
19	Mrs. Laxmi	Mubarakpur
20	Mrs. Komal Ahirwar	Mubarakpur
21	Mrs. Rani Verma	Chandpur
22	Mrs. Gulab Bai	Chandpur
23	Mrs. Rina Bai	Mugaliyahat
24	Ku. Abhilasha	Chandpur
25	Ku. Rekha Singh	Mugaliyahat
26	Ku. Chadni	Mugaliyahat

