

## AGU- Research Dimensions



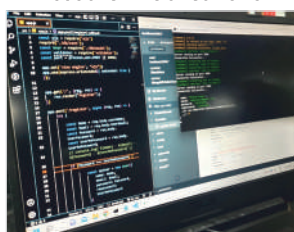
Research Projects



Research Mission and Consultancy



Research Publications



Value Addition



Technology Transfer



Research Events

## CORE RESEARCH AND INNOVATION GROUP

- Making things obsolete which were latest till yesterday-

2022 was a historic year of performance with New Normals post Covid and new mandate post National Education Policy -2020. AGU had long back visualized the emerging needs of fast developing technology and the new dimensions of geo-socio-techno economic world order, demanding skilled professionals with values and socio- cultural connect. Formation of Core Research and Innovation Group, establishment of several centers of research excellence in emerging areas, formation of skill academies and industry centers within the campus for skill development, igniting the Atal Incubation Center for entrepreneur development, opening of Tagore International Center for Arts culture and Languages, adopting several villages for development and above all, revamping the curriculum to accommodate all these new dimensions to make the learning student centric with holistic development were some of the land mark activities at AGU much before NEP-20 came. This has put AGU in the lead of change 2022. Thus lot of activities, success, achievements and laurels like NIRF ranking, NAAC grade, many awards of International & National level. This bulletin provides some glimpses which are tip of the iceberg. For details kindly visit websites of our five Universities. Incidentally the good news is that the sixth University of AGU- The Scope Global Skill University at Bhopal starts functioning from 2023.

- Prof. Vijay Kant Verma

### THE CRIG-ADVISORY BOARD- 2022-23

Chairman :	Shri Santosh Choubey,	Chancellor, RNTU
Director :	Prof. Vijay Kant Verma,	Chancellor, CVRU, Vaishali, Bihar
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## AGU RESEARCH ADVISORY COUNCILS

All constituent Universities of AGU have their Research Advisory Council comprising experts from the field in their area of research interest. All center coordinators are members. Advisory Council provides direction and support for research, ideas, funding, innovation, equipping, collaboration etc.

### RABINDRANATH TAGORE UNIVERSITY, BHOPAL

#### RESEARCH ADVISORY COUNCIL FOR STM CENTERS

Chairman: Prof. Bramh Prakash Pethiya, Coordinator: Dr. Sanjeev Gupta

<p><b>Energy Sector</b></p> <ul style="list-style-type: none"> <li>• Dr. Prashant V Baredar MANIT, Bhopal</li> <li>• Dr. Anil Kumar, Delhi Technical University, Delhi</li> <li>• Mr. Vaibhav Varma, Director, Jai Bharat Solar Tech. Solution Co., Bhopal</li> <li>• Dr. T. Ravikiran, Center Coordinator</li> </ul>	<p><b>Science Communication</b></p> <ul style="list-style-type: none"> <li>• Dr. Arvind C Ranade, INSA, New Delhi</li> <li>• Dr. K. C. Radhakrishnan, DPI, MP</li> <li>• Dr. Vikas Shende, MPCST, MP</li> <li>• Dr. M.M. Gore, NIScPR, New Delhi</li> <li>• Mr. Prabal Roy, Center Coordinator</li> </ul>
<p><b>Material Science &amp; Nanotechnology</b></p> <ul style="list-style-type: none"> <li>• Prof. Sameer Sapra, IIT Delhi</li> <li>• Dr. Sai Kiran Sharma, IIT Patna</li> <li>• Dr. Tata Rao, ARCI-Hyderabad (DST)</li> <li>• Dr. Sudeshna Ray, Center Coordinator</li> </ul>	<p><b>Social Entrepreneurship</b></p> <ul style="list-style-type: none"> <li>• Dr. Shilpi Mittal</li> <li>• Dr. Utkarsh Anand Saxena, Senior R&amp;D Engineer</li> <li>• Dr. Rachna Chaturvedi, Center Coordinator</li> </ul>
<p><b>IoT &amp; Advance Computing</b></p> <ul style="list-style-type: none"> <li>• Mr. Anirban Chowdhury, Frugal Labs Tech Solutions Pvt. Ltd. Bangalore</li> <li>• Dr. Murtaza Abbas Rizvi, NITTTTR Bhopal</li> <li>• Dr. Deepak Singh Tomar, MANIT, Bhopal</li> <li>• Dr. Rakesh Kumar Mittan, Center Coordinator</li> </ul>	<p><b>Future Skills</b></p> <ul style="list-style-type: none"> <li>• Dr. Avik Sarkar, Indian School of Business, New Delhi</li> <li>• Dr. S. B. Lal, IASRI, ICAR, Pusa</li> <li>• Dr. R. K. Pateria, MANIT, Bhopal</li> <li>• Dr. S. Veenadhari, Center Coordinator</li> </ul>
<p><b>Environmental Engineering</b></p> <ul style="list-style-type: none"> <li>• Dr. V. P. Singh, Texas A &amp; M University, Texas USA</li> <li>• Dr. R. N. Yadava, Madhyanchal University</li> <li>• Dr. P.K. Jain, PKLS Industries Pvt. Ltd</li> <li>• Dr. Shalini Yadav, Center Coordinator</li> </ul>	<p><b>Incubation and Start ups</b></p> <ul style="list-style-type: none"> <li>• Mr. Anil Joshi, Unicorn India Ventures, Mumbai</li> <li>• Mr. Bhushan Gajaria, Beehive Capital Advisors Pvt. Ltd.</li> <li>• Mr. Nemesh Singh, Appointy.com</li> <li>• Mr. Ronald Fernandes, Center Coordinator</li> </ul>
<p><b>Agriculture &amp; Food Technology</b></p> <ul style="list-style-type: none"> <li>• Dr. Vijay Agrawal, Scientist-Horticulture Zonal Agricultural Research Station, Powarkheda, JNKVV Hoshangabad (MP)</li> <li>• Dr. Anand Kumar Vishwakarma, Principal Scientist (Agronomy) ICAR-IISC Bhopal</li> <li>• Dr. Vaibhav K Singh, Sr. Scientist, ICAR-IARS New Delhi</li> <li>• Dr. Shubham Kulshretha, Center Coordinator</li> </ul>	<p><b>Livelihood Resources</b></p> <ul style="list-style-type: none"> <li>• Sri. R. Parashuram (Ex Chief Secretary of Madhya Pradesh) Bhopal</li> <li>• Sri. Ashish Mandol (Chairman of ASA) Bhopal</li> <li>• Dr. Mukesh Mishra (Retired Additional Director of Horticulture) Bhopal</li> <li>• Dr. Arun R Joshie (Vice Chancellor of CVRUK)</li> <li>• Dr. Vivek Sharma, Chairman, CARD Bhopal</li> <li>• Dr. Manisha Pandey, Center Coordinator</li> </ul>

## AGU CENTERS OF RESEARCH EXCELLENCE



### Nav Ratan Centers- STM Centers & Coordinators

- Center for Renewable Energy and Energy Park (Dr. T. Ravikiran)
- Center for Agriculture Research (Dr. Anil Kurchania)
- Advanced Material Research Lab (Dr. Sudeshna Ray)
- Center for IoT & Advance Computing (Dr. Rakesh Kumar)
- Center for Advanced Water & Environmental Research (Dr. Shalini Yadav)
- Dr. C.V. Raman Center for Science Communication (Mr. Prabal Roy)

### Nav Ratan Centers- SKILL CENTERS & Coordinators

- Atal Incubation Center (Mr. Ronald Fernandes)
- Center for Skill Development (Pradhan Mantri Kaushal Kendra) (Dr. Lalit Narayan)
- Future Skills Academy (Dr. Varsha Jotwani)
- Center for Livelihood Promotion (Dr. Manisha Pandey)
- Center for Women Entrepreneurship (Dr. Rachna Chaturvedi)
- Santosh Choubey Center for Social Entrepreneurship (Dr. Rachna Chaturvedi)



### Saptrishi Centers- Arts Culture and Humanities

- Vanmali Srijanpeeth (Dr. Usha Vaidya)
- Tagore International Center for Arts & Culture (Mr. Vinay Upadhyay)
- Sub Center - Lok Bhasha evam Sanskriti Kendra (Mr. Vinay Upadhyay)
- Bhasha Shikshan Kendra (Dr. Ruchi Mishra Tiwari)
- Sub Center - Anuvad Kendra (Dr. Ruchi Mishra Tiwari)
- Pravasi Bhartiya Sahitya Evam Sanskriti Shodh Kendra (Dr. Mousami Parihar)
- Sanskrit, Prachya Bhasha Evam Bhartiya Gyan Parampara Kendran (Dr. Sanjay Dubey)



## AGU CENTERS OF RESEARCH EXCELLENCE



### DR. C.V. RAMAN UNIVERSITY

Chhattisgarh, Bilaspur AN AISECT GROUP UNIVERSITY

#### Technology Centers & Coordinators

- Center of Excellence for Advanced Environmental Research (Dr. Manish Upadhyay )
- Raman Center for Science and Communication (Dr. A.K. Shrivastava)
- Center for Biotechnology Research (Dr. Shweta Sao)
- Center for Renewable and Green Energy (Dr. Ratnesh Tiwari)
- Center for Rural Technology (Dr. Anupam Tiwari)
- Center for GIS and Remote Sensing (Dr. Kajal Moitra)



#### Skill Centers & Coordinators

- Center for Incubation and Startup (Dr. Vivek Bajpai)
- Center for Skill Development and Industrial Consultancy (Mr. Rashid Khan)
- Future Skills Academy (Dr. Rohit Miri)

#### Cultural Centers & Coordinators

- Hindi Sahitya Kendra (Dr. Anchal Sinha)
- Vanmali Srijanpeeth (Mr. Satish Jaiswal & Mr. Kishore Singh Thakur)
- Center for Performing Art and Raigarh Kathak (Dr. Priya Shrivastava)
- Chhattisgarh Lok Kala and Sanskriti Kendra (Dr. Arvind Tiwari)
- Rabindranath Tagore International Center of Excellence for Arts & Culture (Dr. Kajal Moitra)



## AGU CENTERS OF RESEARCH EXCELLENCE



### DR. C.V. RAMAN UNIVERSITY

Bihar, Vaishali AN AISECT GROUP UNIVERSITY



#### Technology Centers & Coordinators

- Center for Agriculture Research (Dr. Shantosh Kumar)
- Bhabha Center for Renewable Energy (Mr. Kripashanker)
- Center for Science Communication (Dr. Dharmender Kumar Singh)

#### Cultural Centers & Coordinators

- Vanmali Srijanpeeth (Mr. Rishu Kumar)
- International Research Center for Buddhist Studies (Dr. Manish Ranjan)



JHARKHAND, HAZARIBAG AN AISECT GROUP UNIVERSITY

#### Technology Centers & Coordinators

- Center for Agriculture Research (Dr. Arvind Kumar)
- Center for Science Communication (Dr. Diwakar Nirala)

#### Cultural Centers & Coordinators

- Vanmali Srijanpeeth (Mr. Manohar Batham)



### DR. C.V. RAMAN UNIVERSITY

Madhya Pradesh, Khandwa

#### Technology Centers & Coordinators

- Dr. C.V. Raman Center for Science Communication (Ms. Bhavna Rajput)
- Center for Agriculture Research (Mr. Sanjay Yadav)

#### Cultural Centers & Coordinators

- Tagore International Center for Arts & Culture (Dr Sandhya Dubey)



## The Annual Score Card-2022

Achievements of only one year

### 2022

## RNTU RESEARCH OUTCOMES IN A NUT SHELL

Research Papers **162**

(SCI, SCOPUS, Web of Sc., UGC Care)

Books and Book Chapters **41**

Patents **15**

Start ups Incubated (by AIC-RNTU)

Externally Funded Projects **11**

Internally Funded Projects **5**

Consultancy **3**

Start ups **75**

Skill Training **572**

(520 by PMKK)  
(52 by CRE)

## The Annual Score Card- 2022

Achievements of only one year



**DR. C.V. RAMAN UNIVERSITY**

Chhattisgarh, Bilaspur AN AISECT GROUP UNIVERSITY

### 2022 CVRU, Bilaspur RESEARCH OUTCOMES IN A NUT SHELL

Research Papers **56**

(SCI, SCOPUS, Web of Sc., UGC Care)

Books and Book Chapters **46**

Patents **39**

Externally Funded Projects **1** (4.68 Cr.)

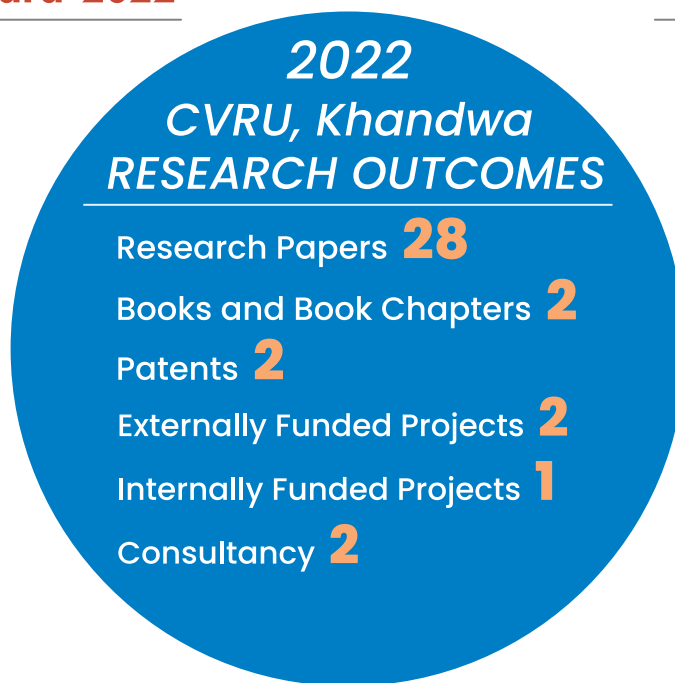
Internally Funded Projects **7**

Consultancy **2**

Launch of  
Raman Green **5**

Herbal Products  
through Technology  
Transfer

**The Annual Score Card-2022**



**AGU EMINENT RESEARCH AUTHORS- 2022**

S.No.	Author	No. of Papers	S.No.	Author	No. of Papers	S.No.	Author	No. of Papers
1.	Dr. Anil Kurchania	2	23.	Dr. Sangeeta Jauhari	11	45.	Sudeshna Ray	1
2.	Dr. Pooja Chaturvedi	13	24.	Mr. Swapnil Singh	1	46.	Dr. Manisha Pandey	1
3.	Dr. Pragya Shrivastava	6	25.	Dr. Manali Upadhyay	3	47.	Dr. Rahul Kumar Singh	1
4.	Prof. Amit Kumar Ahirwar	2	26.	Dr. Pratima Gautam	2	48.	Dr. Kalpana Rai	1
5.	Dr. Shailja Sharma	4	27.	Mr. Rohit Pathak	1	49.	Digvijay Dubey	3
6.	Manoher Saryam	2	28.	Dr. Sanjeev Kumar Gupta	2	50.	Dr. Neelesh Sharma	1
7.	Prof. Rachana Bajaj	3	29.	Sharon Master	1	51.	Dr. Usha Vaidya	2
8.	Dr. Dinesh Kumar Soni	5	30.	Dr. Pritaj Yadav	2	52.	Dr. Kiran Mishra	1
9.	Prof. Dharmendra Singh	3	31.	Dr. Sudheesh B	2	53.	Dr. S.Veenadhari	2
10.	Mr. Vikrant Dubey	2	32.	Dr. Varsha jotwani	6	54.	Devendra Singh Rathore	3
11.	Dr. Preeti Shrivastava	2	33.	Mr. Vikash Singh Thakur	1	55.	Dr. Seema Kumari	1
12.	Dr. Bhawna Agrawal	10	34.	Mr. Neelesh Patel	3	56.	Ankit pandit	1
13.	Dr. Chitra Singh	6	35.	Dr. Usha Sharma	1	57.	Purvee Bhardwaj	1
14.	Dr. Rekha Gupta	8	36.	Dr Laxmi Singh	2	58.	Dr. Kanak Saxena	1
15.	Dr. Laxmi Singh	5	37.	Dr.Ruchi Mishra Tiwari	2	59.	Dr Neha Mathur	1
16.	Prof. Kapil Soni	4	38.	Mr. Prakash Narayan Tiwari	1	60.	Deepesh Bhavsar	2
17.	Dr. Vinay Kumar Yadav	3	39.	Mr. Sitaram Pal	1	61.	Dr. Ankit Agrawal	2
18.	Manish Singh Bharti	1	40.	Dr. Prateek Nigam	4	62.	Mr. Ranjit Kumar Puse	1
19.	Dr. Basanti Mathew Merlin	1	41.	Dr. Sharad Kumar Soni	3	63.	Dr. Sanjay Kumar Dubey	1
20.	Mukesh Kumar	4	42.	Dr. Neetu Paliwal	3	64.	Dr. Manoj Kumar Pathak	4
21.	Ravi Shankar Sharma	3	43.	Madhu Mishra	1	65.	Seema Sharma	1
22.	Dr. Savitri Singh Parihar	3	44.	Dr. Kishor Thakre	1	66.	Dr. Bhavna Bajpai	1
						67.	Govind Dewada	1



## RNTU FLAGSHIP RESEARCH EVENTS OF THE YEAR 2022-23

### Vishwarang

The annual Vishwarang Cultural Festival organized by Rabindranath Tagore University in Bhopal in collaboration with 60 countries, is the most unique festival that promotes Indian arts, Culture, Literature and Languages in more than 60 countries. Vishwarang is a major cultural festival in South Asia that is being organized uninterrupted since 2019. More than 500 authors and artists from the Universities of 50 countries participate with more than a million views online which is going every year. In its third edition Vishwa Rang was celebrated on 18-20 November 2022. It brought out many dimensions of linguistic and cultural research.



### Shodh Shikhar

Shodh Shikhar is an all India Annual Research Festival organized by RNTU which celebrates curiosity and collaboration through research paper and projects competitions. The theme of the festival this year was "Sustainable Development through Research" held on 24-25 Feb. 2023. By participating in the National Mega Festival of Researchers in the field of Science, Technology, Management, Medicine, Arts and Literacy, researchers had the unique opportunity of displaying their talent in research paper writing and in developing a genuine research project. There were two sections one for school and other for higher education. Around 200 papers were selected from all over India, 50 research projects were selected for display. A large number of prizes were given to best papers and projects.



## CVRU, BILASPUR FLAGSHIP RESEARCH EVENTS OF THE YEAR 2022-23

### CVRU CON- 2022

CVRU-CON is a unique annual International Conference of Research Paper Presentation. This Flagship Research Programme of Dr. C.V. Raman University, Bilaspur (C.G.) attracts very large number of Researchers, Scientists and Industries from all over the world. In 2022 this two days conference was held on 28 and 29 January on a very important theme "The Ancient Indian Knowledge System for Holistic Development". In this truly multidisciplinary conference at nine locations for 9 subjects 57 keynote speakers participated and over five hundred researchers presented their research papers and shared their research findings.



Some prominent keynote speakers and Experts from the galaxy of 57 external experts who shared their research findings.

### Raman Lok Kala Mahotsav 2022-23

Since 2019 every year Dr. C.V. Raman University, Bilaspur (C.G.) organizes this cultural Extravaganza with the sole objective of preserving, promoting and protecting the art, culture and languages of tribes and locals from Chhattisgarh in particular and India in general. There are 730 tribes in India which constitutes about 8.6% population. 42 types of tribes reside in Chhattisgarh alone some of which are in the verge of extinction. This festival not only help in preserving them but also connects youth to the rich culture, situates traditions, arts and languages of these tribes. This was celebrated on 20 to 23 April 2022.



## CVRU, Khandwa FLAGSHIP RESEARCH EVENTS OF THE YEAR 2022-23

### Dialogue Dash-2023

Dialogue Dash is a two-way communication annual platform, offering students a unique opportunity to interact and exchange ideas with renowned experts. EACH distinguished speaker brings his/her own unique perspectives and inspiring messages in this flagship programme of CVRU Khandwa. This year the programme was held on 16 March 2023 where galaxy of experts included Mr. Sajja a renowned dairy expert from Anand Gujrat, Mr. Sodhi an environment expert, Mr. Rey a motivation guru and Mr. Supekar a known career counselor.

The event also saw a panel discussion where both panelists and students shared quotes or original creative pieces that kept them motivated. Mr. Siddhart Chaturvedi, the final guest, offered valuable advice and prompted panelists and students to switch their positions, providing a fresh perspective on the importance of being open to new ideas.



### Nimad Lok & Sanskriti Fest -2023

This two days annual fest was organized on 17 March 2023. The event was chaired by Shri Sri Raman Parihar who is also Director Nimad Lok Kala & Sanskriti. A well-researched presentation on contribution of Nimad through their tribal culture was presented in musical folk form. Experts presented various research based analysis on rich heritage of Nimad. The fest was organized in many parallel sessions. A session was dedicated to presentation of tribal literature where experts shared their research work on Nimadi Literature.



## AGU RESEARCH PROJECTS Ongoing & Completed in 2022

### RNTU, Bhopal Externally Funded Projects

S. No.	Title	PI Co-PI	Funding
1.	Development of Pyrophoric metal ceramic composite material	Dr. Sudeshna Ray Dr. Sheetal Gulati	DRDO
2.	"Indoor Quality Herbs/Vegetable Production through Vertical/ Geoponic Farming with the intervention of Nano Tech/ Phosphor Converted LED"	Dr. Sudeshna Ray Dr. Tapan Adhikari Dr. Ajay	MPCST
3.	"Spray Drying Mediated Coating/ Desensitization/Surface Modification of Ultra Ammonium Perchlorate"	Dr. Sudeshna Ray	DRDO
4.	Project Eco Next, Eco Leads and Eco Routes	Mr. Prabal Roy	DST
5.	Assessment study of Technologies	Dr. Anil Kurchania Mr. Prateek Shrivastava	DST
6.	High Tech Hub-Paddy Crop Mechanization	Dr. Anil Kurchania Dr. Ashok Verma	MP Agricultural Engineering Dept.
7.	Diploma in Agricultural Extension Services for Input Dealers	Dr. Ashok Verma Dr. Anil Kurchania	(DAESI), (NIAEM)
8.	Sustainable Agroforestry for Malabar Neem, Poplar tree	Dr. Kanak Saxena Dr. Anil Kurchania	IIFM



## RNTU, Bhopal Externally Funded Projects

9.	Biodiversity Project	Dr. Pragya Shrivastava	BDCB
10.	Biodiversity Project	Dr. Ankit Agrawal	BDCB
11.	Biodiversity Project	Dr. Suchi Modi	BDCB

## RNTU, Bhopal Internally Funded Projects

S.No.	Title	PI-Co PI	Status
1.	Design and Development of a movable sanitization	Dr. DK Soni	Completed
2.	Development of dust resistant nano material coating for solar panel	Dr. Prachi Dhoté	Ongoing
3.	Development of IoT based Production –VTS, Soap Dispenser, Mask Detector, Temp Controller, Water Quality Monitor and Smart bed	Dr. Rakesh Kumar	Ongoing
4.	Hybrid Heat pump assisted single-effect Tubular solar still	Dr. T Ravi Kiran Dr. Tejkaran Narolia	Ongoing
5.	Conversion of old Tata Magic into Electric Vehicle (load carrier)	Dr. T Ravi Kiran	Ongoing



## CVRU, Bilaspur Externally Funded Projects

S. No.	Title	PI Co-PI	Funding Agency
1.	NIDHI-iTBI Inclusive Technology Business Incubator	Dr. Saurabh Mitra	DST
2.	Documentation of Traditional knowledge and ethnomedicine uses of medicinal plants from remote villages in Bilaspur District in Chhattisgarh, India	Dr. Anupam Tiwari	NIF & DST

## CVRU, Bilaspur Internally Funded Projects

S.No.	Title	PI-Co PI	Status
1.	Recognition of Cationic and Anionic Pollutants using Chemo sensor from the Effluents of Sirgitti Industrial area in Bilaspur	Dr. Milan Hait	Ongoing
2.	Formulation of Herbo-metallic-nano conjugate for skill in infection therapy:An emerald approach	Dr. Naureen Sabha Khan	Ongoing
3.	Nanosynthesis and Characterisation of some Phytochemicals used in Hypothyroid Treatment	Dr. Namita Bhardwaj	Ongoing
4.	Investigation on cation exchange capacity of clay minerals for environmental pollutant	Dr. Rashmi Verma	Ongoing
5.	Performance assessment of primary students undergoing brain development classes in Bilaspur district	Dr. PK Naik	Ongoing
6.	Study of Harmful Effect of Food Preservatives	Dr. Rakesh Yadav	Ongoing
7.	Preparation of Eco- Friendly and low cost fly Ash based Materials for various applications	Dr. MZ Khan/ Mr. UK Shrivastava	Ongoing

## Empowering Rural Women SHG in CG through Research Outcomes



Aradhana SHG



Shiv Mahila SHG



Maa SHG



Jai Durga SHG

## Glimpses of Research Activities at AGU

Team Rabindranath Tagore University, Bhopal- 2022



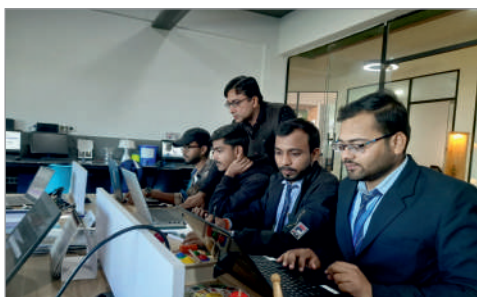
Installation of 150 KW Roof top solar plant by CRE Bhopal RNTU



Conversion of old Tata Magic in to electrical vehicle by CRE-RNTU Bhopal



Generating awareness amongst rural women folk for skilling in solar technology



Plug and Play facilities in Center for IoT and Computing being used for CRIG project



Inauguration of an incubated start up for e-vehicle at Center for IoT and Computing



Inaugural Session of Animation Academy at Future Skill



Animation Skill Academy's in progress



ARC Research Team at work



Experts from ARC on TV channel



Coordinator AMRL receives trophy from DG, CSRI for work in DRDO Project



CRIG Project work at AMRL RNTU Bhopal



Publication of several monographs by CSC RNTU Bhopal

*Pictures Speak*

# Glimpses of Research Activities at AGU

**Team Dr. C.V. Raman University, Bilaspur- 2022**



Center for Advanced Environment Research installing Atal Tinkering Lab in Govt. Girls School Kota and providing skill



Training session on finer aspects of water testing by center for Advanced Environmental Training



Interactive session with adopted village at ARC, CVRU Bilaspur



ARC, CVRU Bilaspur in the adopted villages for technology transfer for Improved Wormi Compost Making Technique



Training session in a Women Self Help Group of CG by ARC, Dr. CVRU Bilaspur



Innovation in Mashroom Production by ARC, Dr. CVRU Bilaspur extended to surrounding tribal belt



Center of Excellence for Rural Technology, CVRU Bilaspur Herbal Products Research Division at work



Innovative herbal products developed by Center of Excellence for Rural Technology CVRU Bilaspur for marketing under brand name Raman Green





## Glimpses of Research Activities at AGU

Team Dr. C.V. Raman University, Vaishali, Bihar- 2022



Agriculture Research Center (ARC) CVRU Vaishali displayed by their innovative agriculture product at Pusa Kisan Mela



ARC, CVRU Vaishali successfully developed low cost hot composting method for better productivity



Fishery Farm being developed by ARC, CVRU Vaishali within the University campus



Solar Cart developed from the scrap by Renewable Energy Center of Research Excellence (REC) CVRU Vaishali



Smart fencing for border villages model developed by REC, CVRU Vaishali



A Poultry Farm raised in the CVRU Vaishali Campus by indigenous method



Team CVRU Vaishali wins Runner up Prize in Shodh Shikhar-2023



VC, CRVU Vaishali receives award at Annual International Conference at Kolkata.



Research Awards at Dr. CVRU Vaishali for 2022

## AGU TRAIL BLAZERS

## AGU Gaurav Award 2022-23

Outstanding contribution in Research Projects, Research Publications, Patents, Innovation and Consultancy during the year 2022-23.



**Dr. Bhawna Agrawal**  
Book Publishing



**Dr. Kanak Saxena**  
Book Publishing



**Mr. Kapil Soni**  
Book Publishing



**Dr. Kiran Mishra**  
Book Publishing



**Dr. Kishore Thakre**  
Research Paper



**Dr. Neha Mathur**  
Book Publishing



**Dr. Pooja Chaturvedi**  
Book Publishing



**Dr. Prachi Tadge**  
Research Paper



**Dr. Preeti Shrivastava**  
Book Publishing



**Dr. Purvee Bhardwaj**  
Research Paper/Book Publishing



**Dr. Rahul Kumar Singh**  
Project



**Dr. Ranjit Puse**  
Book Publishing



**Dr. Ravi Shankar Sharma**  
Book Publishing



**Dr. Seema Kumari**  
Research Paper/Book Publishing



**Dr. Shailja Sharma**  
Book Publishing



**Dr. Sudeshna Ray**  
Patent



**Mr. Vishal Verma**  
Book Publishing

## AGU TRAIL BLAZERS

## AGU Gaurav Award 2022-23

Outstanding contribution in Research Projects, Research Publications, Patents, Innovation and Consultancy during the year 2022-23.

 **DR. C.V. RAMAN UNIVERSITY**  
Chhattisgarh, Bilaspur AN AISECT GROUP UNIVERSITY



**Dr. A.K. Thakur**  
Research Paper



**Mr. Ayush Vaishnav**  
Book Publishing



**Dr. Jayati Chatterjee Mishra**  
Book Publishing



**Dr. M.Z. Khan**  
Research Paper



**Dr. Manish Upadhyay**  
Consultancy/Book Publication



**Dr. Ratnesh Tiwari**  
Patent/Book Publication



**Dr. Rohit Miri**  
Research Paper



**Dr. Saket Singh Chandel**  
Research Paper



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