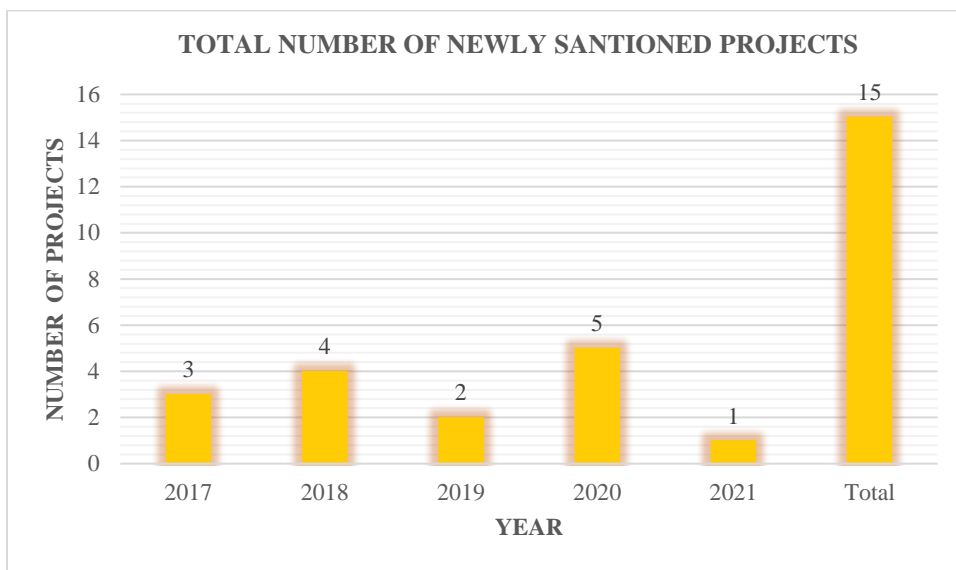
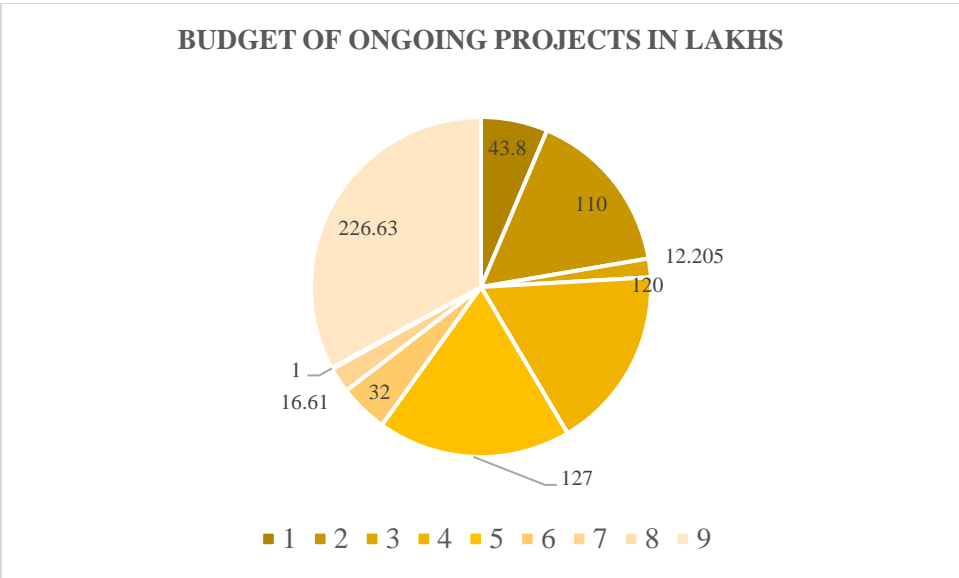


AFAF Achievements

1. Projects

Amity Food and Agriculture Foundation has so far got the sanction of **15 projects valued Rs. 1000.2 lakhs**, including **5 international projects**. Currently, **eight projects with value of Rs. 689.245 lakhs** are in the progress. Details provided at **Annexure 1**.

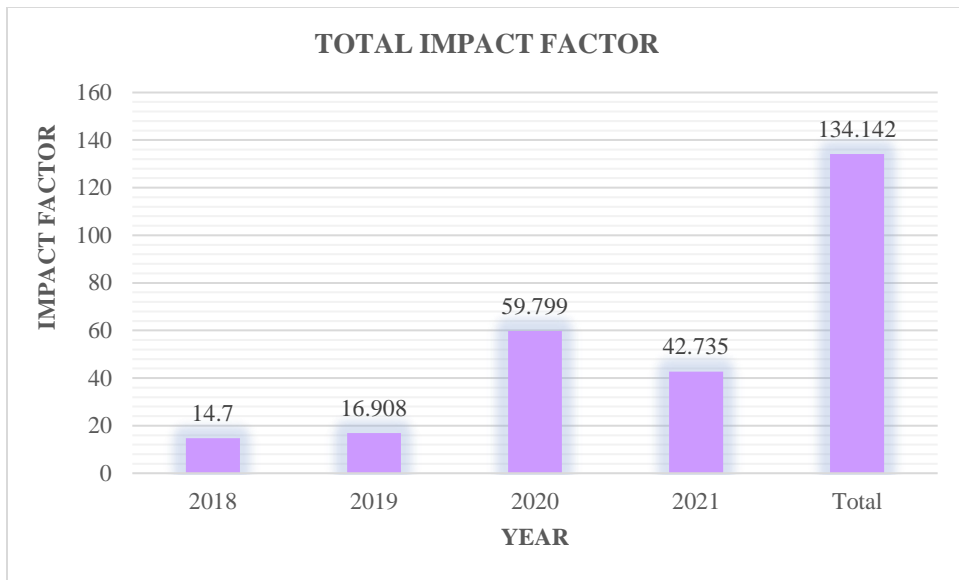




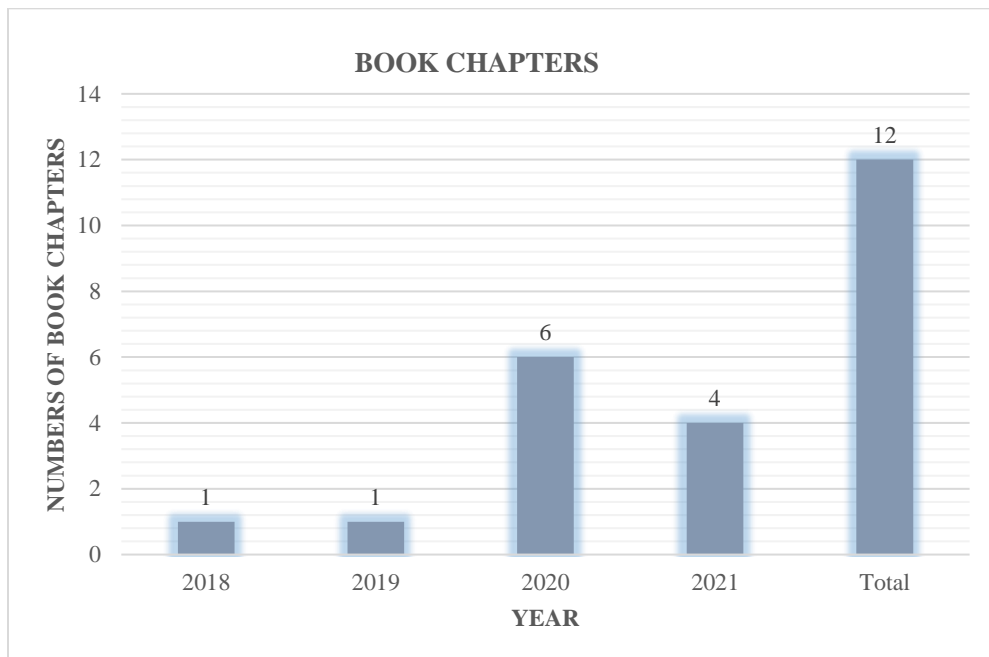
2. Publications

Forty research papers and review articles having a cumulative impact factor of 134.142 have been published in peer-reviewed journals. During the lockdown in the year 2020 17 papers were published with total IFs of 59.799. In 2021 till date 11 papers have been published with total IFs of 42.735, respectively. Details provided in Annexure 2.



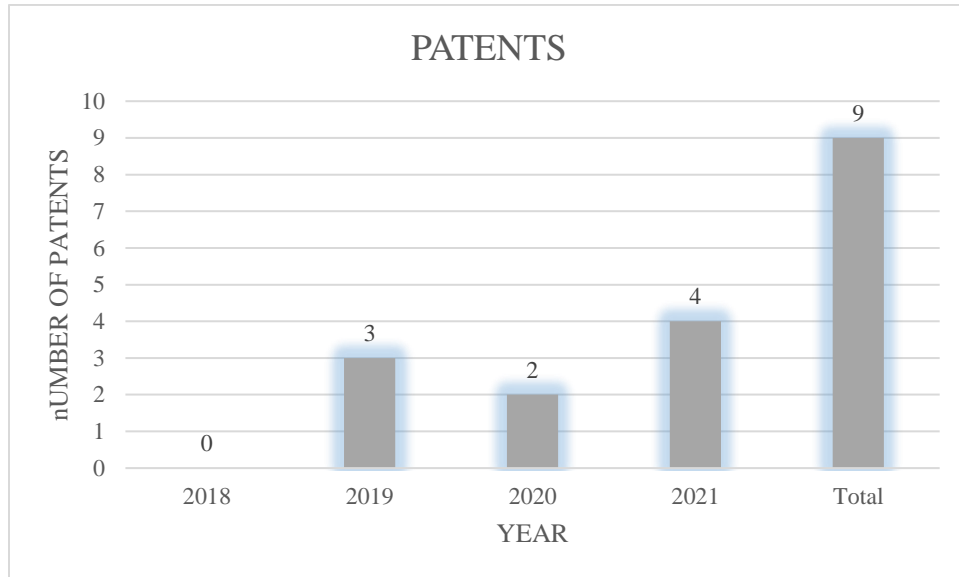


12 book chapters have been published. Details are provided at **Annexure 2.**



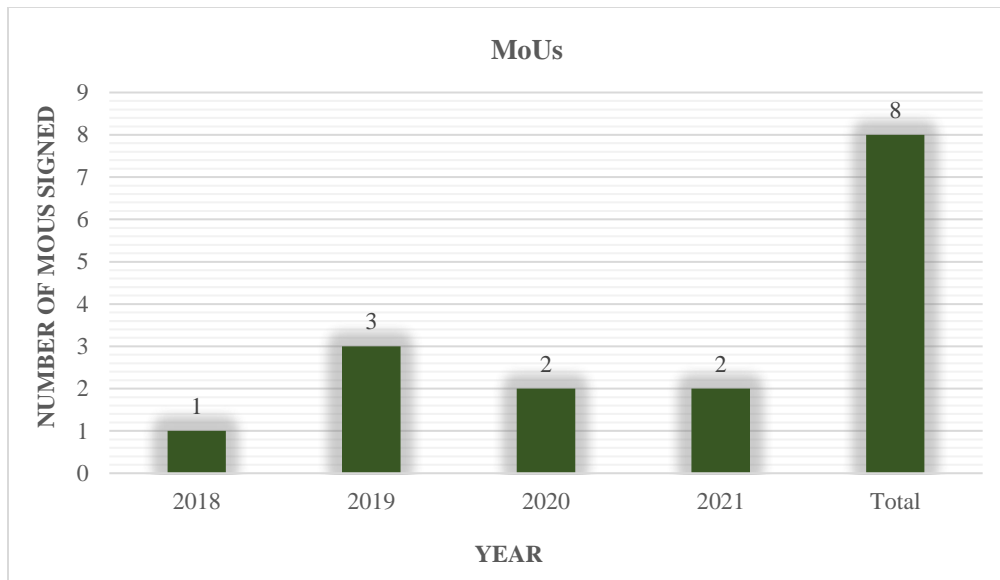
Patents

9 patents have been filed by AFAF, with the maximum patents in 2021. Details are provided at **Annexure 3**.



3. MoUs

Amity University has signed 8 Memorandums of Understanding (MOUs) with various organizations, both national and international. Details are provided at **Annexure 4**.



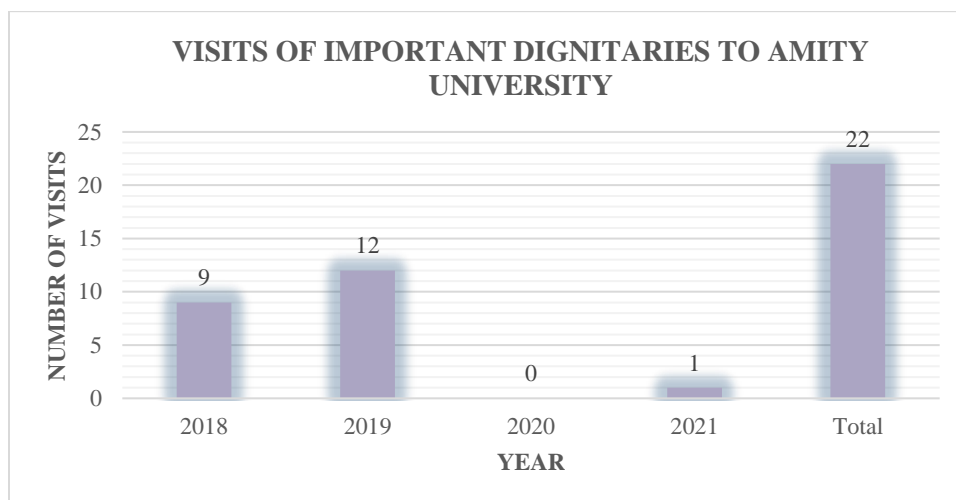
4. Honorary Degree/Professorships/Awards

Amity University recognized 5 dignitaries for their special contribution towards science and awarded them with honorary degree and professorship. Details are provided at **Annexure 5**.



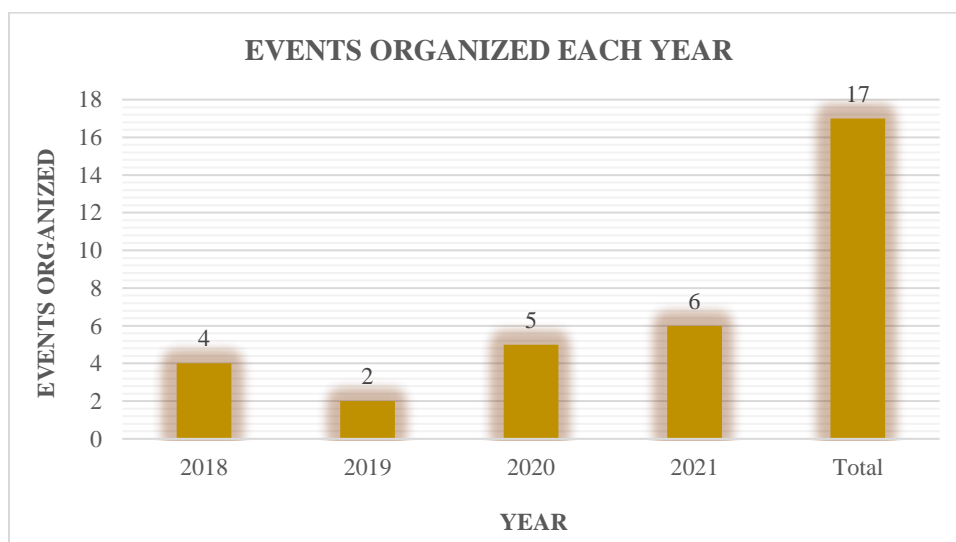
5. Visits of important dignitaries to Amity University

Many national and international dignitaries have visited AUUP under different collaborations for conferences and meetings. Details are provided at **Annexure 6**.



6. Events Organized

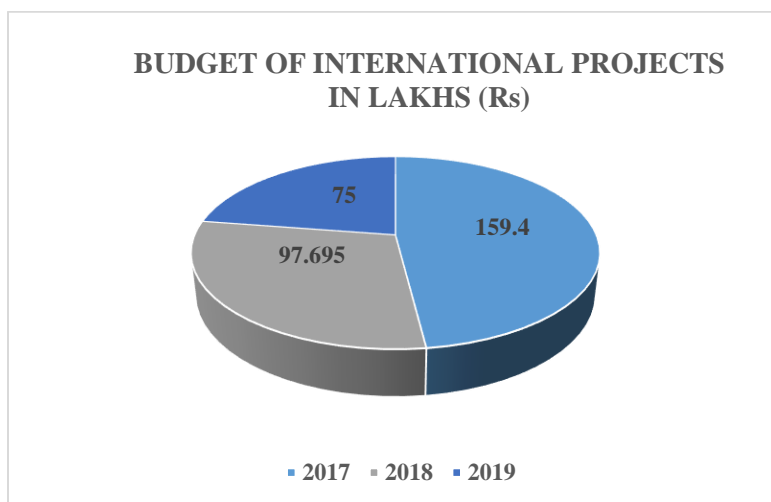
With a maximum in 2021, AFAF has arranged a variety of events, including meetings, mini symposiums, conferences, and training programs. Details are provided at **Annexure 7**.



7. Internationalization

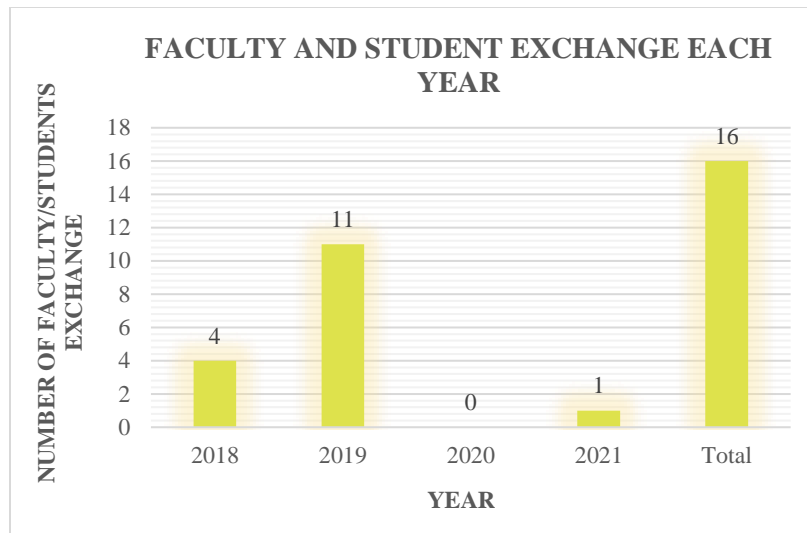
International projects

AFAF has received 5 international projects funded by DST, APN, RCN & European Union amounting a total of Rs.332.095 Lakhs. Details provided in **Annexure 8**.



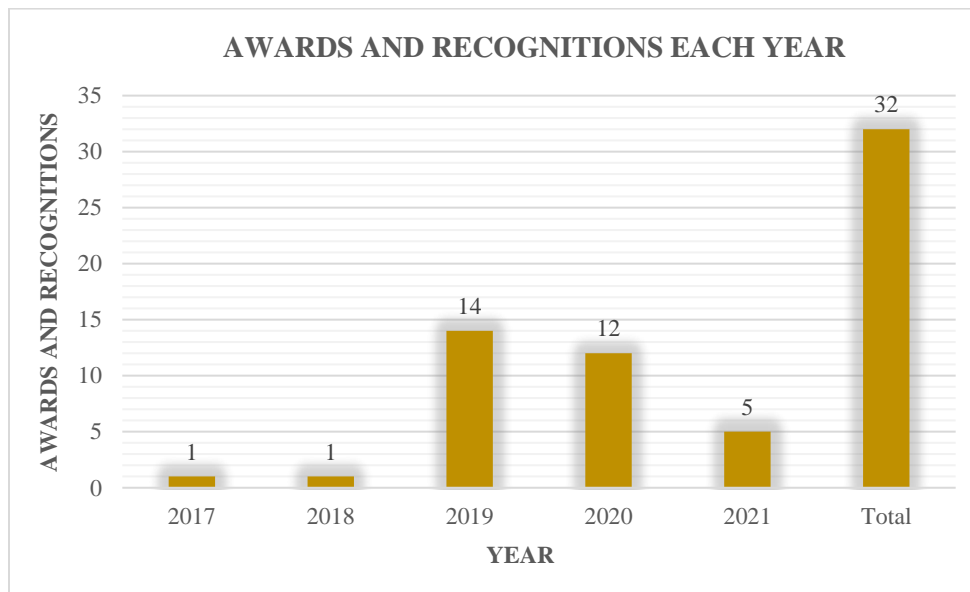
Faculty and Student Exchange

Many faculty and students have visited from other countries for training programs and conferences under collaborative projects. Similarly, faculty of AFAF and students have also visited to other countries under student exchange programs. Details are provided at **Annexure 8**



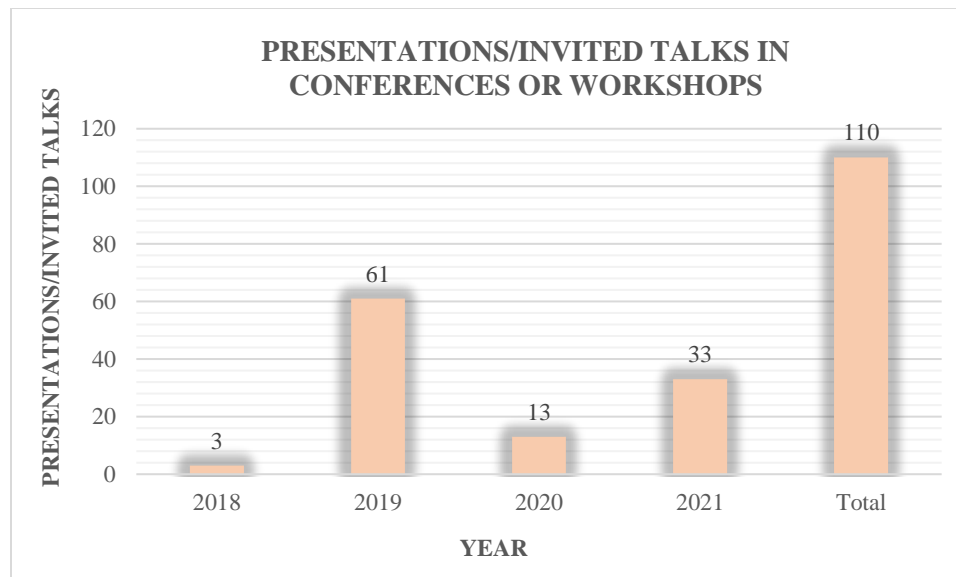
8. Awards and Recognition

Amity University bagged award for best University for Agriculture Education in the year 2019. Many of AFAP's faculty have been honoured with prestigious titles and awards. AFAP has received a total of 32 awards and recognitions so far. Details are provide at **Annexure 9**.



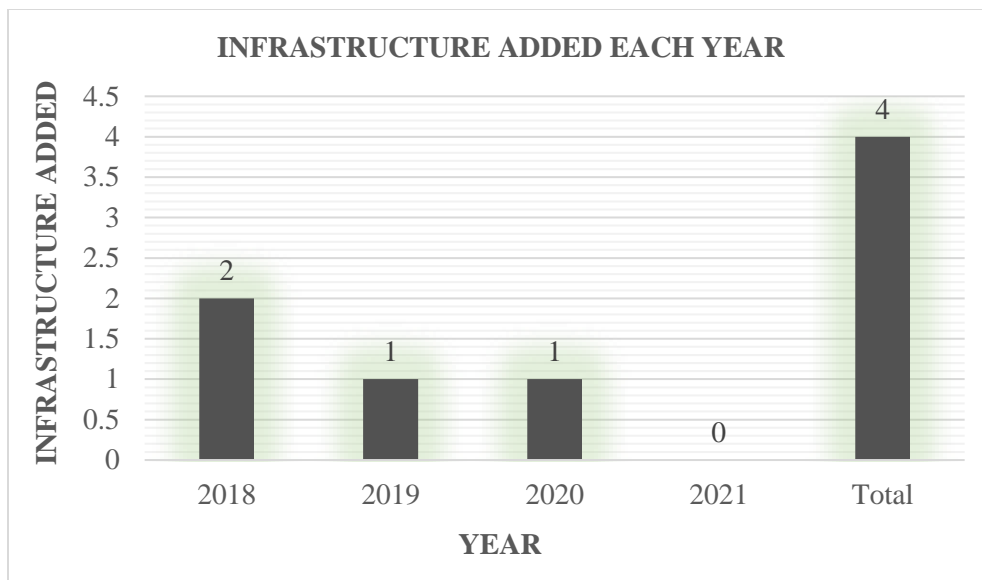
9. Presentations/Invited talks in Conferences or Workshops

Members of AFAF including faculties and students have been participated in various seminars and conferences and have represented their work. Details are provided at **Annexure 10**.



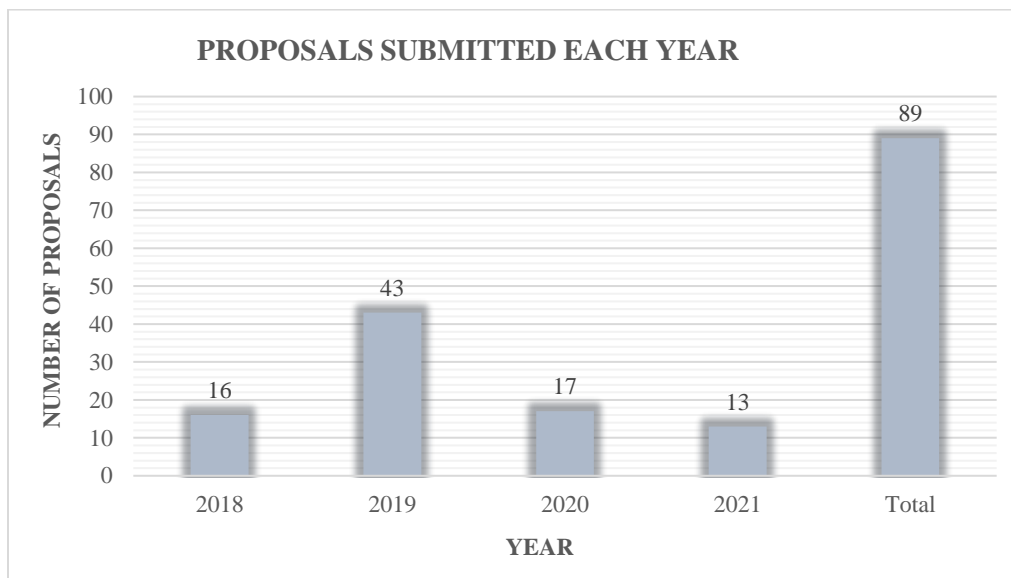
10. Infrastructure added

Various analytical facilities have been developed under various projects. Four specialized labs have been created in these projects. High end equipment such as **GC-MS (Rs. 25 Lakh)** and **HPLC (Rs 26 Lakh)** have been procured and installed. Details are provided at **Annexure 11**.



11. Proposals submitted

Many proposals have been written and submitted in various funding agencies. Details mentioned in **Annexure 12**.



12. Fellowships

- **Four of M Sc. Horticulture (Post Harvest Technology) students have done their 3 month online internship by**

University of Western Australia, Australia with 100 % fee waiver. UWA is Australia's No 1 University in Agriculture and No 17 in world ranking.

- **Four M.Sc Horticulture (Post Harvest Technology)** students are pursuing their Ph D from NPUST , Taiwan with full fellowship.
- **Two Indo- USSTF Fellowships** to the Faculty.
- **National fellowship for ST (NFST) April 2018- Jan 2023 to Ms. Sengnolotha Marak.**
- **Ms. Asha was awarded ICAR Fellowship**

13. Webinars organized

S l. N o.	Webinar Guest	Designation	Webinar Title	Date
1.	Mr. Raju Kapoor	Director - Corporate Affairs	COVID-19: opportunities and risks for Agriculture	22 nd April 2020
2.	Dr. Vivek Gupta	Senior cardiologist, Apollo hospital, New Delhi	COVID-19 pandemic: Impact on health care and heart	23rd April 2020
3.	Dr. Russell Freed	Professor (International Agronomy)	Team Building and Leadership Development for	29th April 2020

		Michigan State University, USA	Agricultural Research and Development	
4.	Dr. Karim Maredia	Senior Global Scholar and Director of International Programs, College of Agriculture and Natural Resources, Michigan State University, USA	Technology Transfer and Commercialization: Experiences from Michigan State University	1st May 2020
5.	Mr. Rohit Kumar Singh (IAS)	Additional Chief Secretary, Department of Medical health and family welfare, Rajsthan	COVID-19- A Bhilwara Model	2nd May 2020
6.	Dr. Brad Day	Professor Plant, Soil and Microbial Sciences Michigan State University, USA	Biotechnology Tools for Rapid Detection of Plant Diseases	4th May 2020

7.	Dr. Randy Beaudry	Professor Department of Horticulture Michigan State University, USA	Low-cost Cold Storage Structures for Perishable Food Products in Rajasthan and Haryana, India	5th May
8.	Dr. Thomas Wood	Senior Specialist, Plant Pathology, National Institute of Agricultural Botany (NIAB), Cambridge, UK	Exploiting next- generation sequencing to establish resources for implementing marker-assisted selection in <i>Vicia faba</i> (field bean) and molecular surveillance of pathogens to contribute to sustainable crop production in the UK and beyond	6th May 2020
9.	Dr. George Bird	Professor Emeritus Department of Entomology Michigan State University, USA	Global Food Security and Sustainable Development	12th May 2020

1 0.	Dr. Sangita Ladha	VP (Marketing), Jain Irrigations Ltd., India	Irrigation and Water Management in Agriculture - Integrated Water Resources Management (IWRM)	15th May 2020
1 1.	Shri Satish Mahana	Cabinet Minister UP Industrial Development	Effect of COVED- 19 Pandemic on Industry and Agriculture Sector	29th June 2020
1 2.	Prof. Rattan Lal	Professor, Ohio State University	Soil Health	10th July 2020
1 3.	Prof. Zeyaur Khan	Thomas Odhiambo Distinguished Research Fellow, ICIPE	Integrated Pest Management	29th Sep. 2020
1 4.	Dr. Azucena G Coloma	Scientific Researcher & Group Leader, Plant Protection Department, Instituto de Ciencias Agrarias (ICA), CSIC, Spain	Biotechnological Production Of Biopesticides From Bethencourtia Palmensis	1st Oct. 2020

1 5.	Dr R.S Deshpande	Former Director, Institute of Social and Economic Change, Bangalore	Relevance of Gandhian Thoughts Today	2nd Oct. 2020
1 6.	Dr. Neeti Wilson,	Partner, Anand & Anand Intellectual Property Law Firm, Noida	Horti food innovation - how to claim the novelty?	16th Oct. 2020
1 7.	Panel Discussion	Mission Shakti: against all odds	Mission Shakti: against all odds	22nd Oct. 2020
1 8.	Dr. M Prabhakar	Principal Scientist, ICAR-Central Research Institute for Dryland Agriculture	Climate Management of Crops	5th Nov. 2020
1 9.	Prof. Swati Sharma	ICAR	Post-Harvest Handling & Marketing	7th Nov. 2020
2 0.	Prof. Pierluigi Caboni and Prof. Graziella Tocco	Senior Scientist - University of Cagliari	Phytonematodes and alkynes as a scaffold to synthetize new nematicidal products	16th Dec. 2020

2 1.	Dr. Patanjali,	Scientist, IARI	“Pesticide Formulation	2020
2 2	Dr. Anju Kamra	Principal Scientist, IARI	“Management of Nematode Control”	2020
2 3.	Dr. Zeeshan,	Research Fellow, University of Chicago	“Plant Immune System”	2020
	Dr. Kadambot Siddique + 8 speakers from Australia, India, Bangladesh and Afghanistan.	UWA, Australia	2nd International Training Program on “Climate Smart Agriculture Practices to Enhance Farmer's Capabilities to Address the Challenges of Climate Change using Climate Smart Agriculture Strategies” on 27.07.21 and 28.07.21 under APN Project.	2021
	Dr RASA + 4 speakers	SINTEF OCEAN , NORWAY &	a workshop on “Sustainable Utilization of Water in Seafood Industry- Recycle and Reuse” under ReValue Project	2021

			on 06.08.21	
	5 Webinars	DU, IARI, ICARDA	‘Transforming Food Systems: Youth Innovation for Human and Planetary Health’	

14. Farmers training program

- Organized Farmers Training Programme On “Building Capacity to Enhance Farmers Capabilities to Address the Challenges of Climate Change Using Climate Smart Agriculture Strategies” at KVK, Muzaffarnagar on 22.07.21
- Organized Farmers Training Programme On “Building Capacity to Enhance Farmers Capabilities to Address the Challenges of Climate Change Using Climate Smart Agriculture Strategies” at KVK, GBNAGAR in July 2020

15. FPD

Two Faculty Development Programs Organized . one each in 2020 and 2021.

16. Media Coverage

Dr. Nutan Kaushik delivered 4 TV talks and **Dr. Shalini Visen** delivered 1 TV and 2 radio talks. Many Newspaper coverage of various events and vertical farming. Invited Popular article in Agriculture today by **Dr. Nutan Kaushik**.