भाकृअनुप
ICAR

Student READY

(Rural Entrepreneurship Awareness Development Yojana)

Accomplishments




2019

Agricultural Education Division
Indian Council of Agricultural Research (ICAR)
New Delhi -110 012
INDIA

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राधा मोहन सिंह
RADHA MOHAN SINGH

सत्यमेव जयते

कृषि एवं किसान कल्याण मंत्री
भारत सरकार
MINISTER OF AGRICULTURE
& FARMERS WELFARE
GOVERNMENT OF INDIA

संदेश

भारतीय कृषि अनुसंधान परिषद (आईसीएआर) ने कृषि स्नातकों की रोजगारपरकता में सुधार लाने के लिए एक नए कार्यक्रम स्टूडेंट रेडी की शुरूआत की है। यह कार्यक्रम के द्वारा देश भर में स्थित कृषि विश्वविद्यालयों के साथ भागीदारी के माध्यम से कृषि छात्रों को उद्यमिता के लिए प्रशिक्षित किया जाएगा। भारत सरकार ने कौशल विकास को प्राथमिकता दी है और स्टूडेंट रेडी उसी दिशा में भारतीय कृषि अनुसंधान परिषद का एक महत्वपूर्ण प्रयास है। स्टूडेंट रेडी की उपलब्धियों का संकलन प्रकाशित किया जा रहा है, इस अवसर पर मैं भारतीय कृषि अनुसंधान परिषद (आईसीएआर) और देश भर में स्थित कृषि विश्वविद्यालयों को बधाई देता हूँ।

राधा मोहन सिंह

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Office : Room No. 120, Krishi Bhawan, New Delhi-110 001 Tel.: 23383370, 23782691 Fax : 23384129

सत्यमेव जयते

Sh. Gajendra Singh Shekhawat

Minister of State for Agriculture and Farmers Welfare
Ministry of Agriculture and Farmers Welfare
Government of India

Message

The Indian Council of Agricultural Research (ICAR) with partnership of all the Agricultural Universities launched the Student READY (Rural Entrepreneurship Awareness Development Yojana). This is a good step towards the skill development programme in agricultural and allied discipline in the country. The students acquire knowledge and expertise in various field of their interest and they are trained to become entrepreneurs. ICAR is bringing its first report on accomplishments under the student READY programme.

I wish all success to this programme and expect our students will become job provider rather than job seeker.

Gajendra Singh Shekhawat

Hkkjrh; Ñf"k vuqla/kku ifj"kn
Indian Council of Agricultural Research
Ministry of Agriculture and Farmers Welfare

Dr Trilochan Mohapatra
Secretary (DARE) & Director General (ICAR)
New Delhi -110 001, INDIA

Message

The Indian Council of Agricultural Research (ICAR) is committed to improve the employability of the agricultural graduates. We aim to support this by development and implementation of programmes which would train the agricultural students for entrepreneurship through the ICAR partnership with the Agricultural Universities located all over the country. The government of India has made skill development a priority and significante development has happened for the governance of skill development programmes throughout the country.

In this direction the **Student READY (Rural Entrepreneurship Awareness Development Yojana)** programme was launched from the academic session 2016-17 as per the recommendations of the fifth Deans committee. This is a well structured one year programme which includes several components designed to provide the desired skills to our agricultural graduates. Though the student READY programme is still at its nascent stages; it has been appreciated by all corners. The first report on the accomplishments under his programme should prove to be useful for everyone to navigate through the diversity in skill development programmes which are currently underway in the agriculture and allied disciplines.

I hope the report would be useful and informative for all.

Trilochan Mohapatra

Hkkjrh; Ñf"k vuqla/kku ifj"kn
Indian Council of Agricultural Research
Ministry of Agriculture and Farmers Welfare

Dr. Narendra Singh Rathore
Deputy Director General
Agricultural Education Division
New Delhi, INDIA

Message

The agricultural education focuses on preparing students to become world leaders in all dimensions of agricultural and allied sciences. This will happen if we provide them a platform for discovering themselves and apply the acquired knowledge for betterment of the society. The agricultural graduates have to be made innovative, relevant and capable to foster the social, cultural and economic growth. A major, system wide reforms of India's Agricultural Universities (AUs) is aimed for modernizing the infrastructure, update curricula and pedagogical approaches, upgrade teaching materials and laboratories, set new norms and standards for higher agricultural education, and improve human resource through the ICAR scheme **"Strengthening and Development of Higher Agricultural Education in India."**

The Fifth Deans committee recommended a one year programme **"Student READY (Rural Entrepreneurship Awareness Development Yojana)"** for the undergraduate courses in all the disciplines of agricultural and allied sciences. Implementation of any new academic programme is never easy; however with the support and participation of the Agricultural Universities it was implemented in over 55 Agricultural Universities from academic sessions 2016-17. The students were trained to acquire knowledge in various field of their interest. Based upon the feedback from the academic sessions 2016-18 the report was prepared to know the trends and achievements of this programme.

The first report of the Student READY provides information on the preparedness of agricultural graduates for self employability. We invite suggestions from various stakeholders for further scaling up of the student READY programme.

Narendra Singh Rathore

Hkkjrh; Ñf"k vuqla/kku ifj"kn
Indian Council of Agricultural Research
Ministry of Agriculture and Farmers Welfare

Dr. Punyavrat Suvimelendu Pandey
Assistant Director General (EP&HS)
Agricultural Education Division
New Delhi - 110 012, INDIA

Message

A new initiative **"Student READY (Rural Entrepreneurship Awareness Development Yojana)"** has been initiated by the ICAR to reorient our agricultural graduates for self employability and entrepreneurship development. The programme has been designed for the students studying in various Agricultural Universities in the country as an essential prerequisite for the award of undergraduate degree. This programme includes five components i.e. Experiential Learning (Business mode Hands-on training, Skill development), Rural Awareness Works Experience, In-Plant Training, Industrial attachment and Student Project. All these components are interactive and are conceptualized for building skills in project development and execution, decision-making, individual and team coordination, approach towards problem solving, accounting, quality control, marketing and resolving conflicts, etc..

The Agricultural Universities have made all the necessary preparedness for its effective implementation and after two years of the launch of this programme there was a need to assess the outcome and the response has been overwhelming. The present report is based upon the feedback from the academic sessions 2016-18. It is aimed to further scale up this programme by way of collaboration with partners from industries and other departments. We welcome new ideas to strengthen our efforts in meeting the present demand of the society through Student READY programme.

Punyavrat Suvimelendu Pandey

CONTENT

INTRODUCTION

India has witnessed spectacular enhancement in production of food grains, fruits, vegetables, milk, fish, poultry and meat through the application of science and technology driven yield revolution ushered in by human resources developed through higher agricultural education system of the country. The human resource developed by agricultural institutions/ universities has played a pivotal role in transforming agricultural scenario in the country and achieving self-sufficiency in food production. Persistent efforts are being continued to develop quality human resource to face the multifaceted and complex challenges of the Indian agriculture arising due to changing climate, threat to sustainability, inefficient use of agro-inputs and depleting quality of the natural resources and rising competitiveness under the globalization pressure. The approach is multipronged, addressing the issues of competence enhancement, attracting and retaining talented youth to agriculture education, addressing the needs of different stakeholders by making agricultural education relevant, responsive and promoting entrepreneurship skills to enable graduates to take up their own enterprises as job providers rather than job-seekers.

The fifth Dean's committee recommended Student READY (***R**ural **E**ntrepreneurship **A**wareness **D**evelopment **Y**ojana*) programme in the Agricultural Universities of the country. The programme has been conceptualized to reorient graduates of agriculture and allied subjects to ensure and assure employability and to develop entrepreneurs for emerging knowledge intensive agriculture by articulating knowledge, skill, ability and experiences.

Student READY programme is introduced as integral part for one complete year in the last year of the degree programme for undergraduate education in the disciplines of Agriculture, Agriculture Engineering, Biotechnology, Community Science (earlier Home Science), Dairy Technology, Food Technology, Forestry, Fisheries, Horticulture and Sericulture and it consists of five components. All these five components are interactive and are conceptualized for building skills in project development and execution, decision- making, individual and team coordination, approach to problem solving, accounting, quality control, marketing and resolving conflicts, etc. with end to end approach.

Components of the Student READY programme

- Experiential Learning – Business Mode
- Experiential Learning – Hands on Training (Skill Development)
- Rural Awareness Work Experience (RAWE)
- In Plant Training/ Industrial attachment/Internship
- Student Project

Experiential Leaning: Business Mode

The programme has end to end approach with carefully calibrated activities which help the students to explore and discover their own potential and enhance team performance. This programme provides the students an excellent opportunity to develop analytical and entrepreneurial skills and knowledge, confidence in their ability to design and execute an entrepreneurial project through meaningful hands on experience. This is a step towards **"Earn while Learn"** concept. The Indian Council of Agricultural Research has established 452 Experiential Learning (EL) units in Agricultural Universities across the country. The objectives are:

- To promote professional skills and knowledge through meaningful hands on experience
- To build confidence and to work in project mode
- To acquire enterprise management capabilities

Experiential Leaning: Hands-on training (HoT)/ Skill development

Hands-on training aims to make conditions as realistic as possible towards gaining knowledge and skill for doing the different productive on farm operations. The students are provided opportunities to become skilled in the identified practices/methods. The students strengthen their existing skills and also learn new techniques. A number of experiential learning units are also being used for hands on training.

Rural Awareness Work Experience (RAWE)

The Rural Awareness Work Experience (RAWE) helps the students primarily to understand the rural situations, status of agricultural technologies adopted by farmers, prioritize the farmer's problems and to develop skills and attitude of working with farm families for overall development in rural area. The timings for RAWE are flexible for specific regions to coincide with the cropping season. The main objectives of RAWE are:

- To provide an opportunity to the students to understand the rural setting in relation to agriculture and allied activities
- To make the students familiar with socio-economic condition of the farmers and their problems
- To impart diagnostic and remedial knowledge to the students relevant to rural field situations through practical training

- To develop communication skills in students using extension teaching methods in transfer of technology
- To develop confidence and competence to solve agricultural problems
- To acquaint students with on-going extension and rural development programmes

In Plant Training (IPT)/ Industrial Attachment/ Internship

Under this component the student is trained to inherit an organizational behaviour by constantly nurturing them with best industrial practices. In this training, students are attached to a company industry where they study a problem w.r.t the industrial perspective. This training provides an industrial exposure to the students and is helpful to boost their confidence, personality development, practical knowledge to work in a industry while applying their knowledge for problem solving. It is meant to correlate theory and actual practices in the industries with the following objectives:

- To expose the students to industrial environment
- To familiarize the students with various materials, machines, processes, products and their applications along with relevant aspects of management
- To make the students understand the psychology of the workers, and approach to problems along with the practices followed at industry
- To make the students understand the scope, functions and job responsibility-ties in various departments of the organization.

Student Project

There are number of students interested for higher education and study abroad. Keeping in view their future requirement, a component of student project is included to understand and identify problems of their interest and field, experimental setup, taking observation, writing and documentation in the form of project report. The project work provides several opportunities to student to learn various aspects that cannot be taught in a class room or laboratory with the following objectives.

- To impart analytical skills and capability to work independently
- To conceptualize, design and implement the proposed work plan
- To solve a problem by applying project management skills
- To learn implementation, fabrication, testing and trouble shooting

Fig: Student READY programme: Major outcomes

The Student READY programme was implemented in over 55 agricultural universities during the academic season 2016-17, 2017-18. The council provides a stipend @ Rs. 3000/- per month per student for maximum of six months. Therefore, during the final year of their academic programme, the students are getting continuous financial support in the form of profit share from experiential learning programme and stipend during RAWE/In Plant Training/Industrial attachment/Internship/student project.

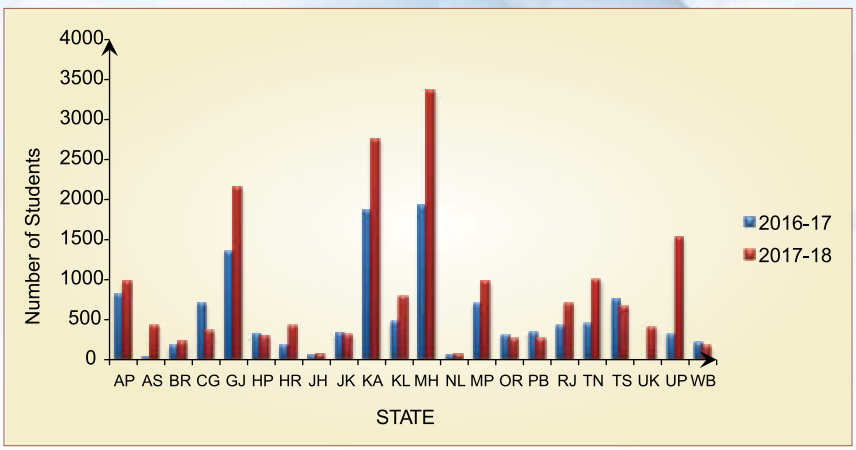


Fig: State wise beneficiaries under student READY programme

Table: Time-line of Student READY Programme

S. No.	Bachelor degree Courses	Experiential Learning	HOT/Skill development	RAWE	IPT/ Industrial Attachment/ Internship	Student Project
1	Agriculture	18		16	04	02
2	Agril Engineering	10	16		10	04
3	Bio-Technology		10		20	10
4	Dairy Technology	10		08	20	02
5	Fishery	12	06	10	10	02
6	Food Technology	18			20	02
7	Forestry	10		20	04	06
8	Community Science	10		16	10	04
9	Food Nutrition & Dietetics	10	02	04	20	04
10	Horticulture	18		16	04	02
11	Sericulture	18		16	04	02

Duration (In weeks)

Experiential Learning programme

The Experiential Learning (EL) programme was initiated in the X Five year plan. A total of Four Hundred and fifty two (452) experiential learning modules have been provided so far to various agricultural universities in different disciplines viz., Agriculture, Agricultural Engineering, Community Science, Dairy Technology, Fisheries, Food Technology, Forestry Horticulture and Veterinary Sciences. In addition the state have also sponsored several EL units.

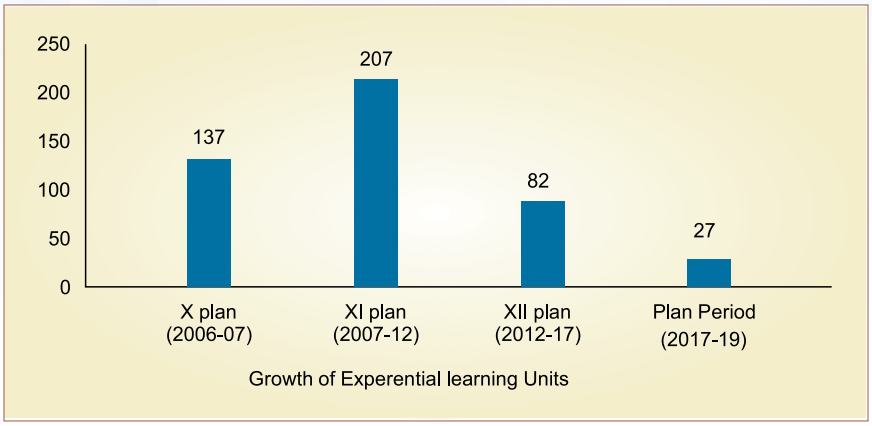


Fig: Number of experiential Learning Units in different plan period

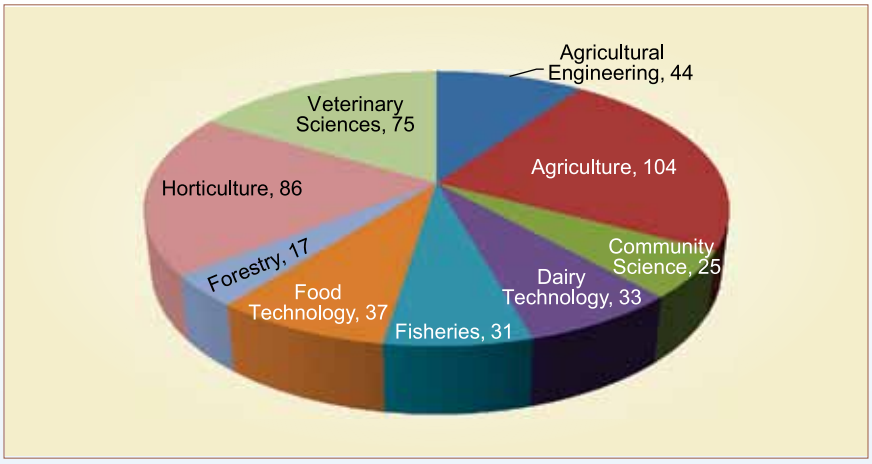


Fig: Discipline wise number of experiential learning units

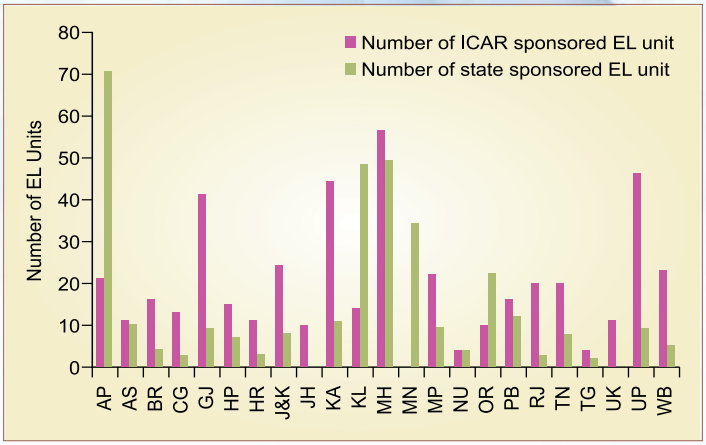


Fig: State wise status of ICAR & State sponsored EL units

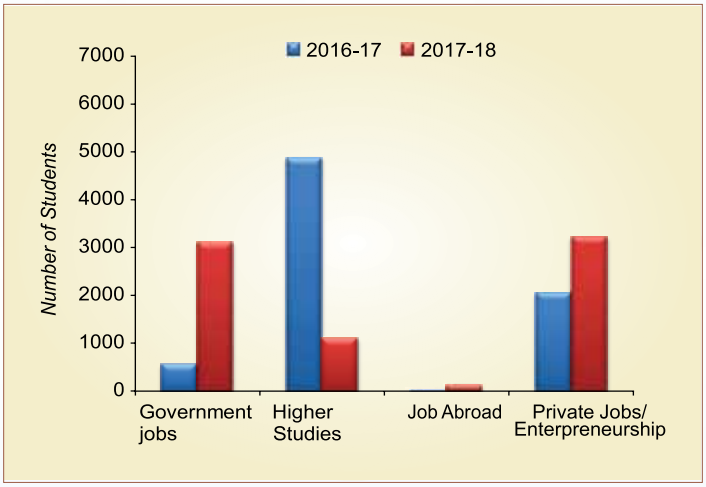


Fig: Students placement during 2016-18

Overall Distribution of Placement

The real success of this programme is assessed by the number of students taking up entrepreneurship. It was observed that this programme was very effective in stimulating the undergraduate students for starting up their own venture. Many students have opted for higher studies for further enhancing their skill and personal interaction with them shows they are very keen on starting their own enterprise. This programme in true sense has trained the students to become ***Job Givers rather than Job Seekers*** and has contributed effectively towards the **Skill India programme of the Government of India.**

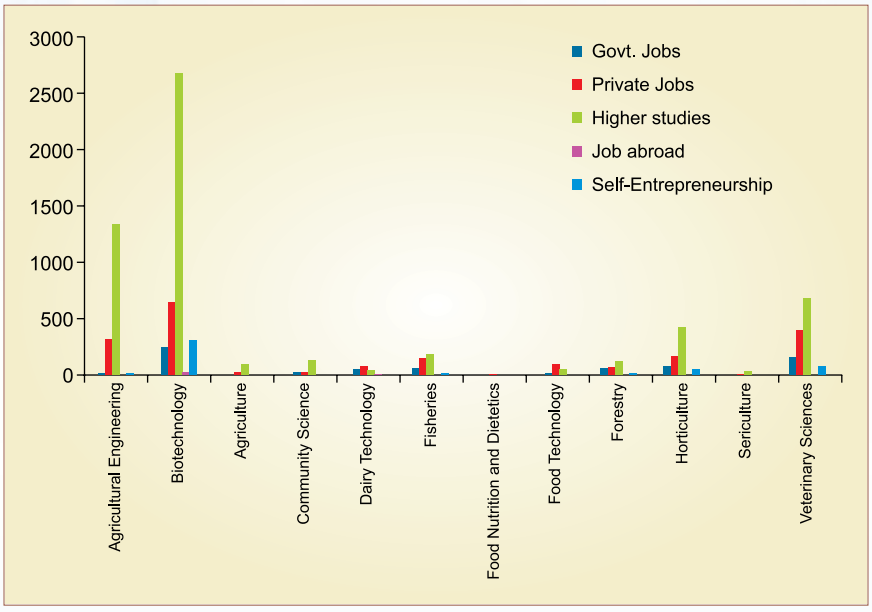


Fig: Discipline wise students placement from academic session 2016-17

Accomplishments under student READY

Majority of the agricultural universities implemented the student READY programme. The council provided stipend to all the students @ Rs 3000/- per month per student for a maximum of six months. A pectoral depiction of state wise and university wise students trained under the programme has been summarised in the following pages where; **A** = Number and location of agricultural universities in the state, **B** = Year wise number of students, **C** = Component wise number of students.

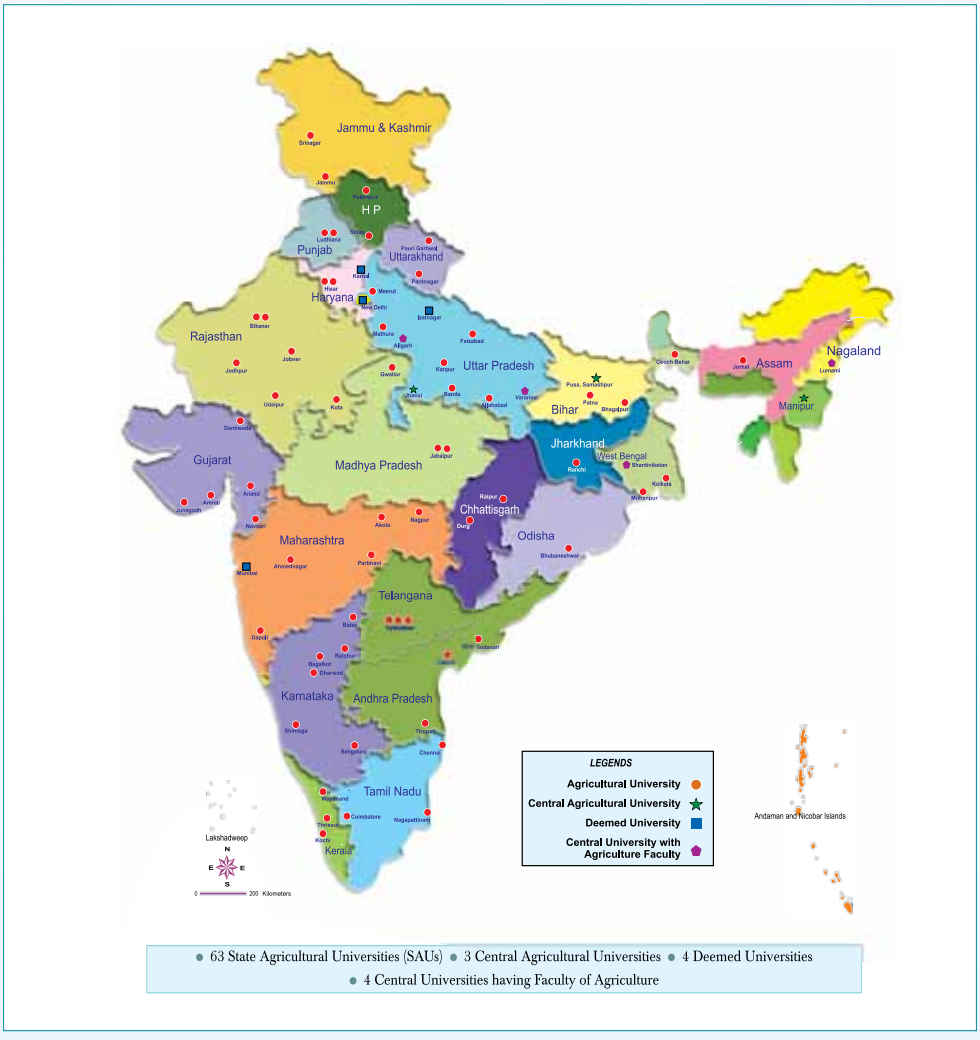
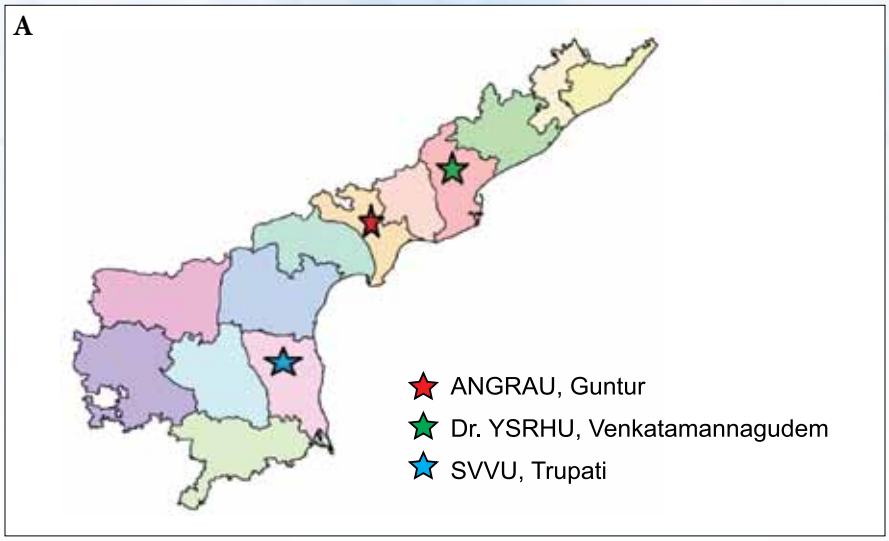
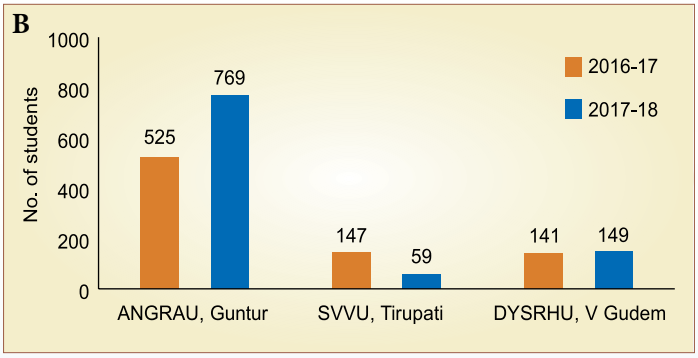
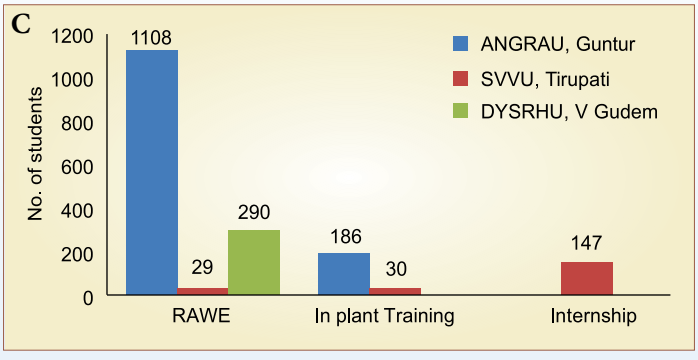


Fig: Agricultural Universities in India

ANDHRA PRADESH

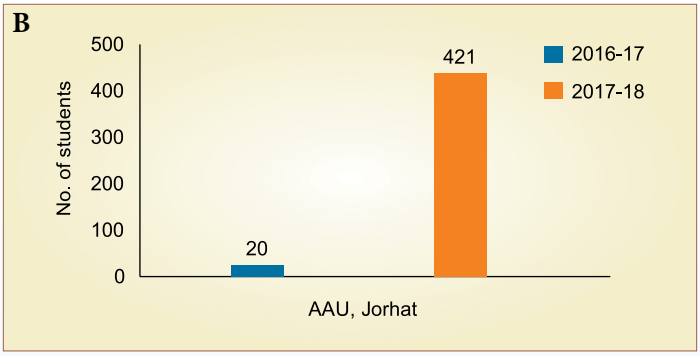


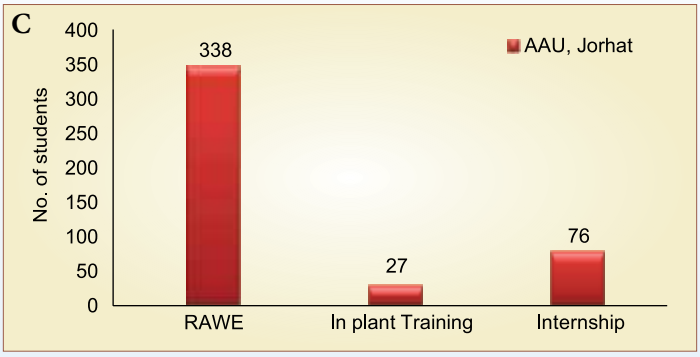




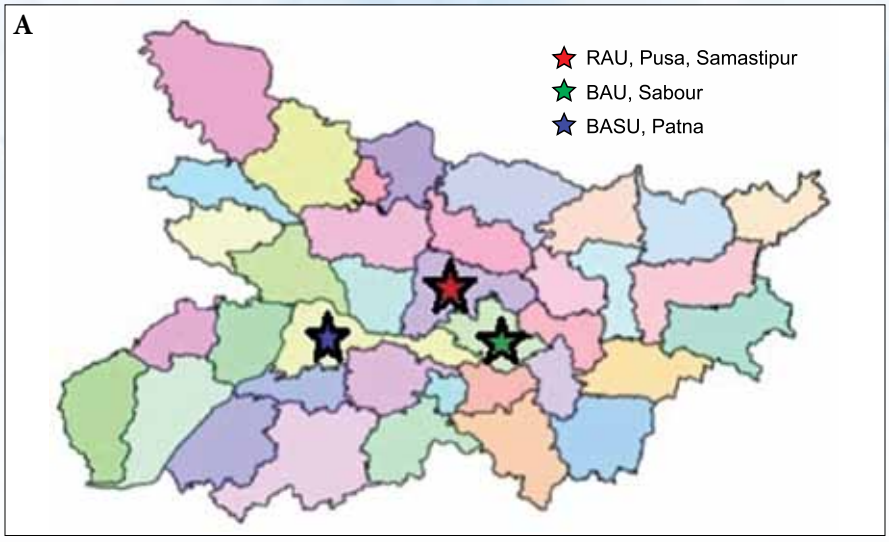
ASSAM

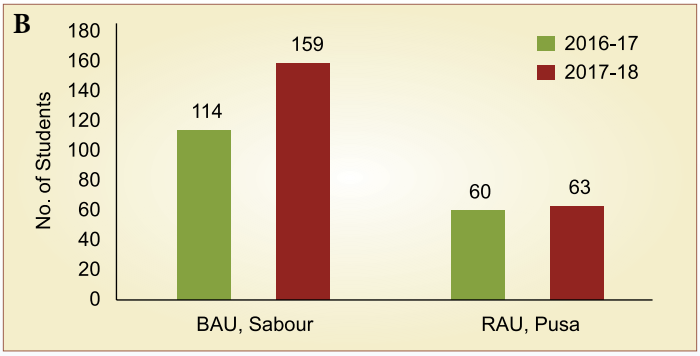

A
AAU, Jorhat

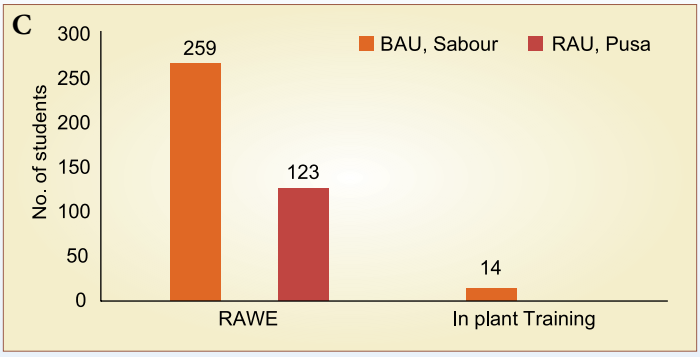

B
No. of students
500
400
300
200
100
0
20
421
2016-17
2017-18
AAU, Jorhat


C
No. of students
400
350
300
250
200
150
100
50
0
338
27
76
AAU, Jorhat
RAWE
In plant Training
Internship

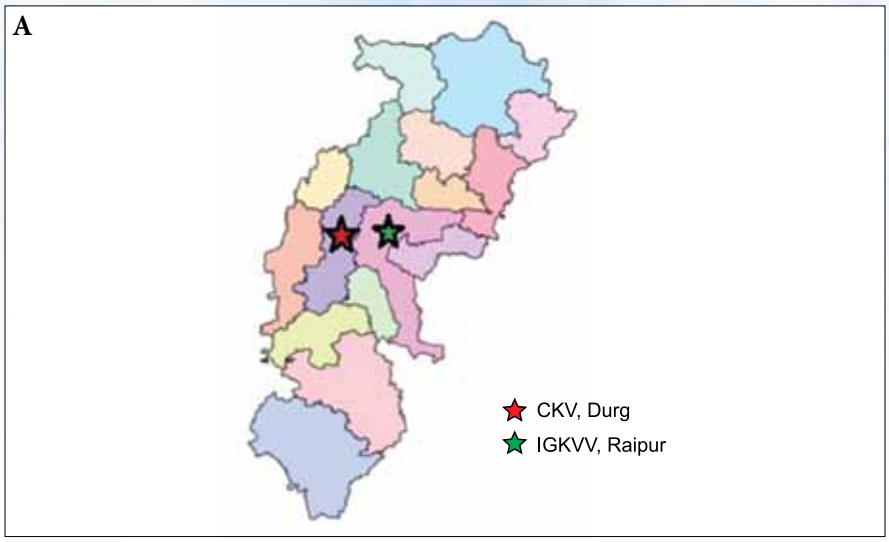
BIHAR

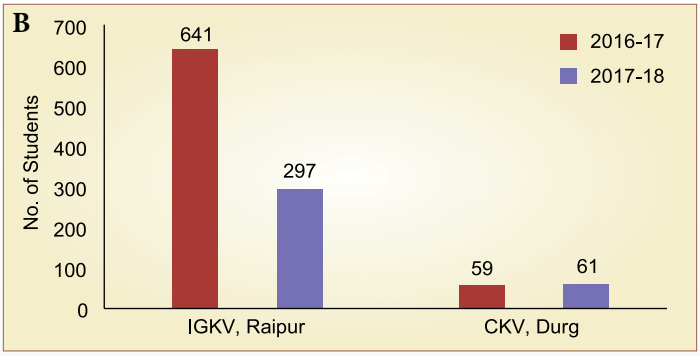

A
RAU, Pusa, Samastipur
BAU, Sabour
BASU, Patna

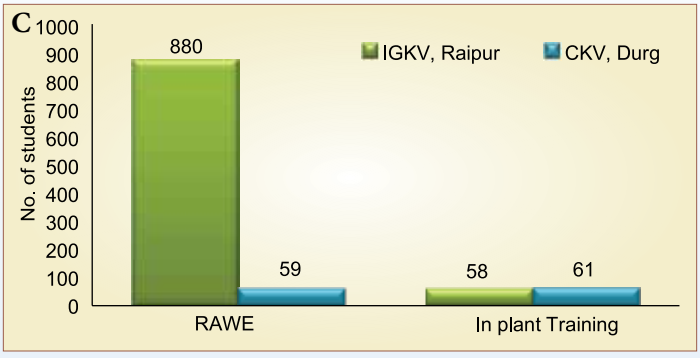

B
No. of Students
180
160
140
120
100
80
60
40
20
0
159
114
60
63
2016-17
2017-18
BAU, Sabour
RAU, Pusa


C
No. of students
300
250
200
150
100
50
0
259
123
14
BAU, Sabour
RAU, Pusa
RAWE
In plant Training

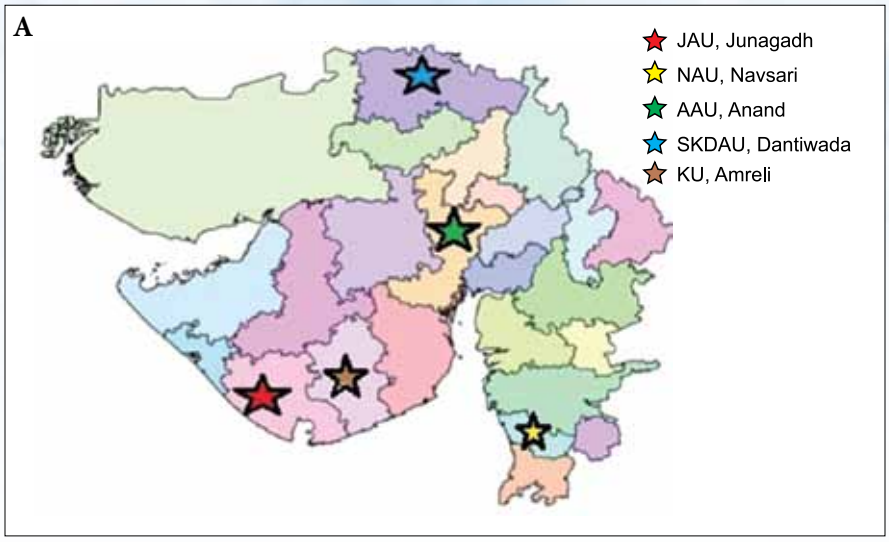
CHHATTISGARH

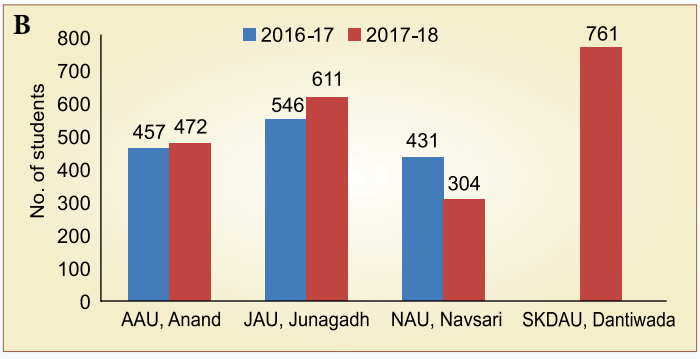


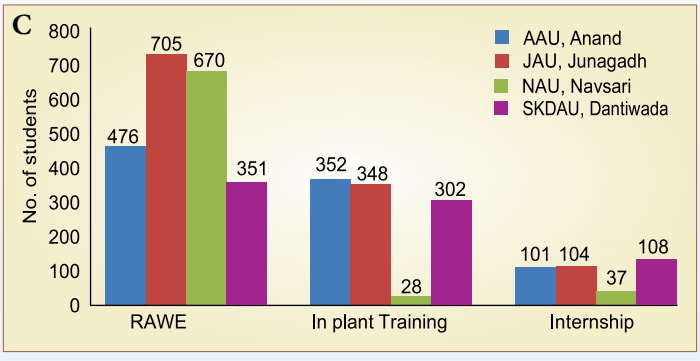




GUJARAT


A
JAU, Junagadh
NAU, Navsari
AAU, Anand
SKDAU, Dantiwada
KU, Amreli

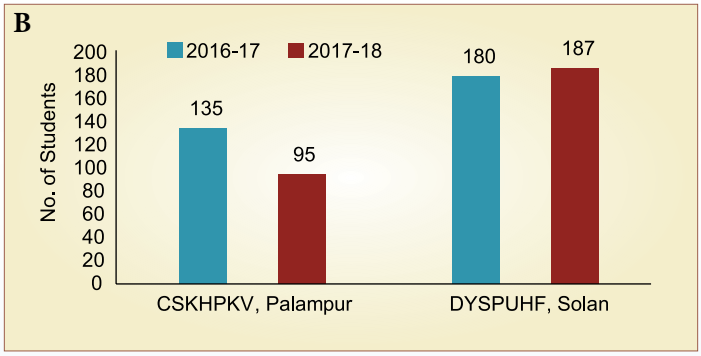

B
2016-17
2017-18
No. of students
800
700
600
500
400
300
200
100
0
457
472
546
611
431
304
761
AAU, Anand
JAU, Junagadh
NAU, Navsari
SKDAU, Dantiwada


C
No. of students
800
700
600
500
400
300
200
100
0
476
705
670
351
352
348
28
302
101
104
37
108
RAWE
In plant Training
Internship
AAU, Anand
JAU, Junagadh
NAU, Navsari
SKDAU, Dantiwada

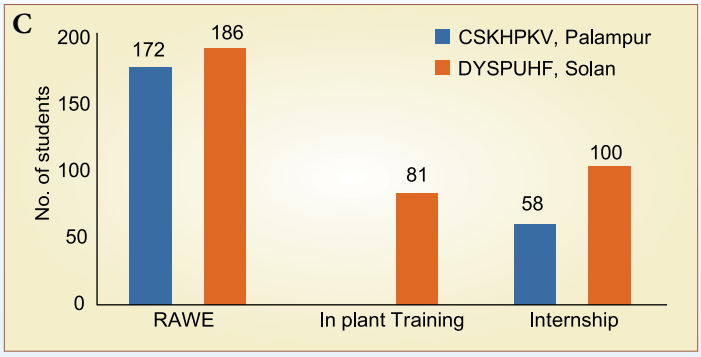
HIMACHAL PRADESH

A

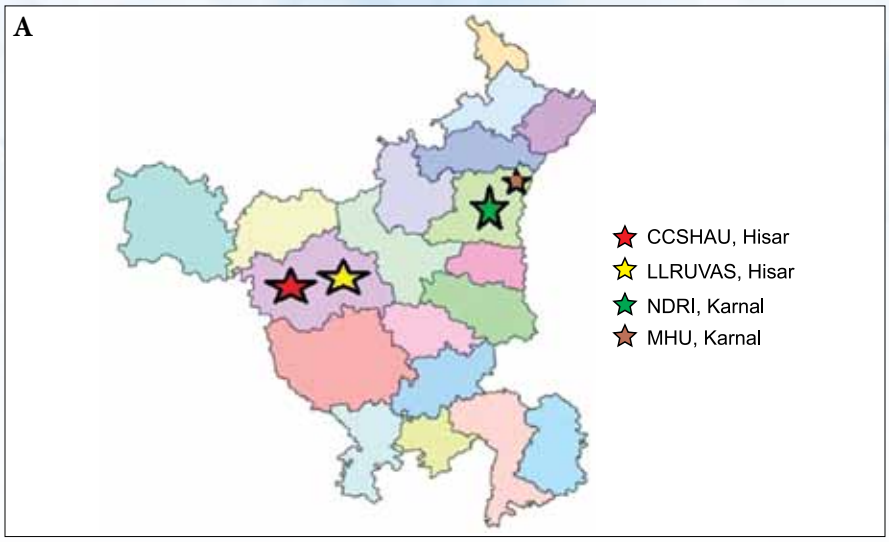
B



C



HARYANA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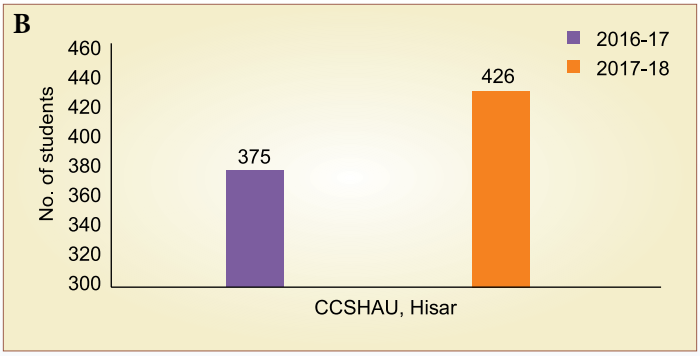
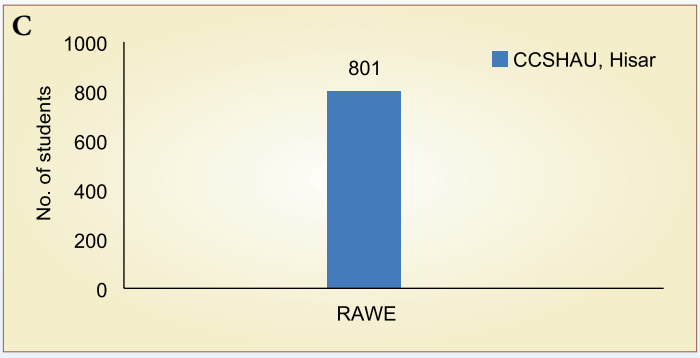
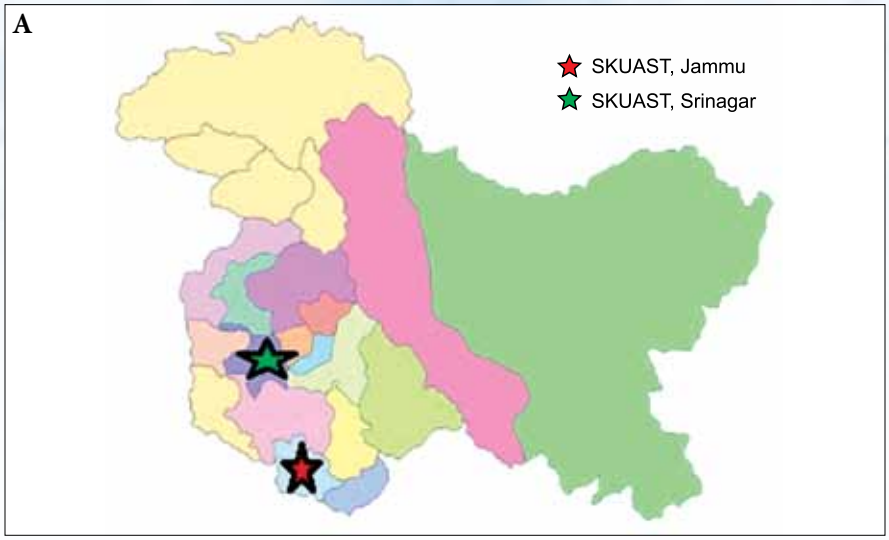
CCSHAU, Hisar
LLRUVAS, Hisar
NDRI, Karnal
MHU, Karnal


B
2016-17
2017-18
No. of students
460
440
420
400
380
360
340
320
300
375
426
CCSHAU, Hisar

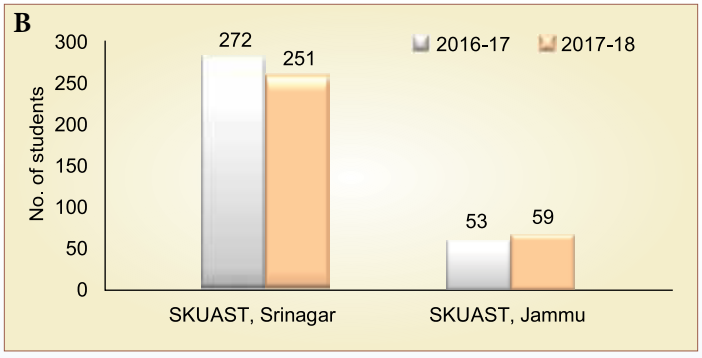

C
CCSHAU, Hisar
No. of students
1000
800
600
400
200
0
801
RAWE

JAMMU & KASHMIR

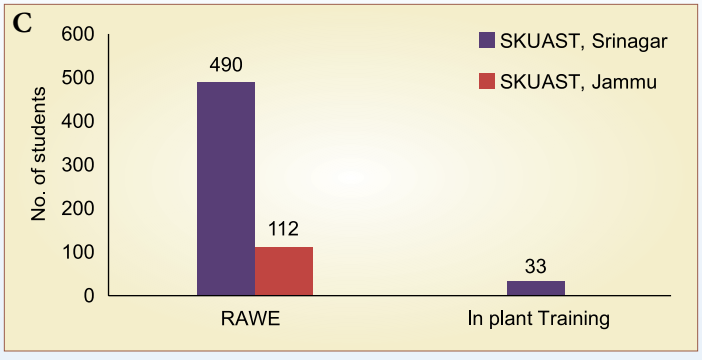
A



B

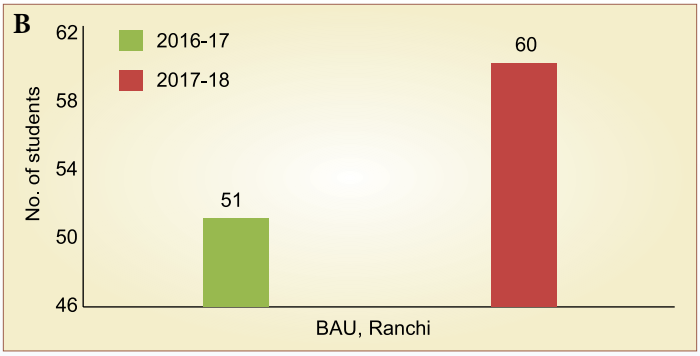


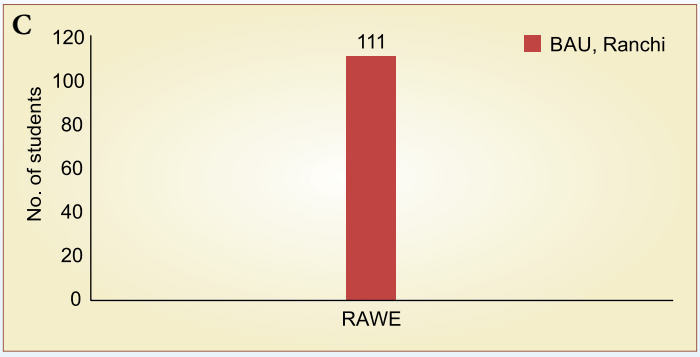
C



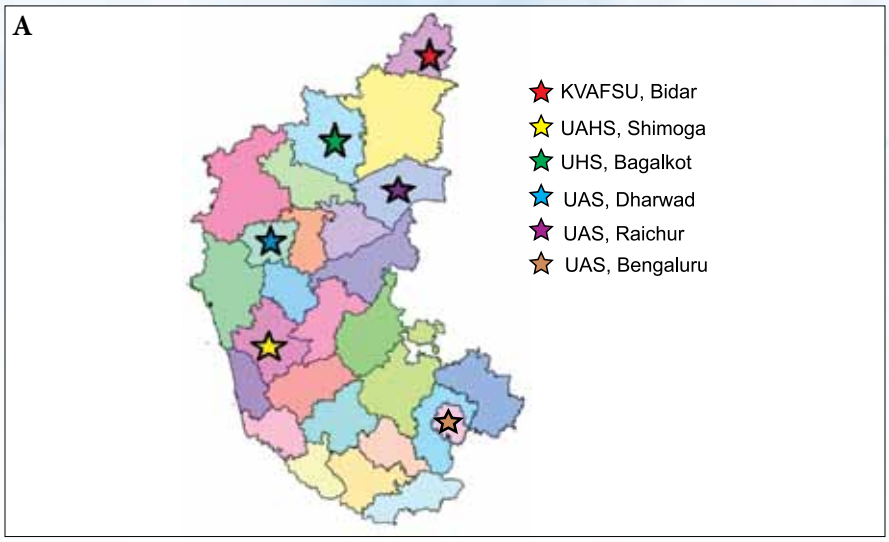
JHARKHAND

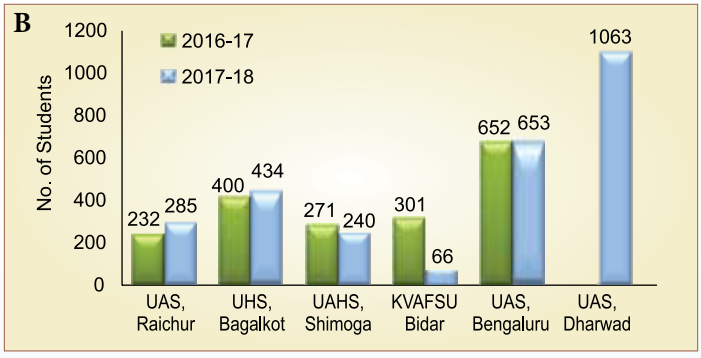

A
BAU, Ranchi

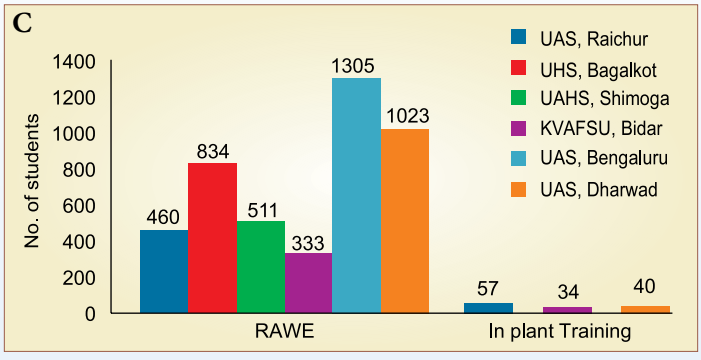

B
62
58
54
50
46
No. of students
2016-17
2017-18
51
60
BAU, Ranchi


C
120
100
80
60
40
20
0
No. of students
111
BAU, Ranchi
RAWE

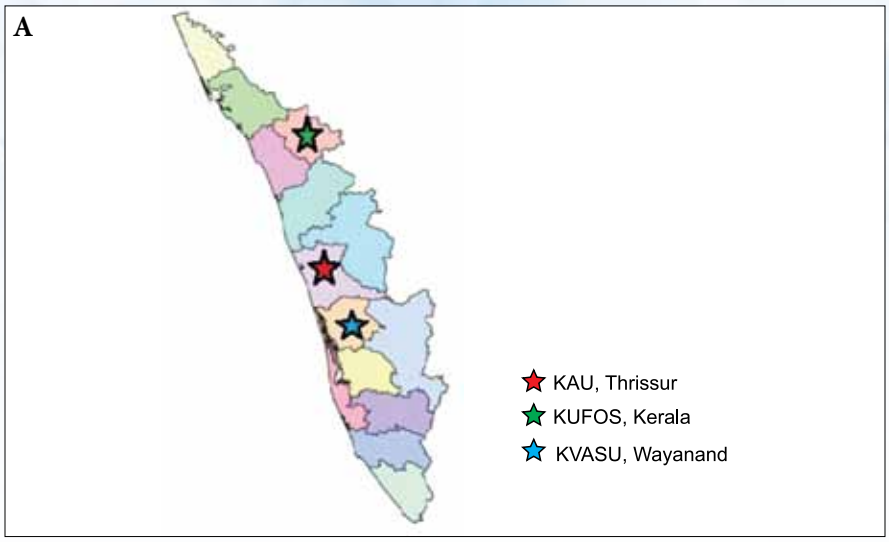
KARNATAKA

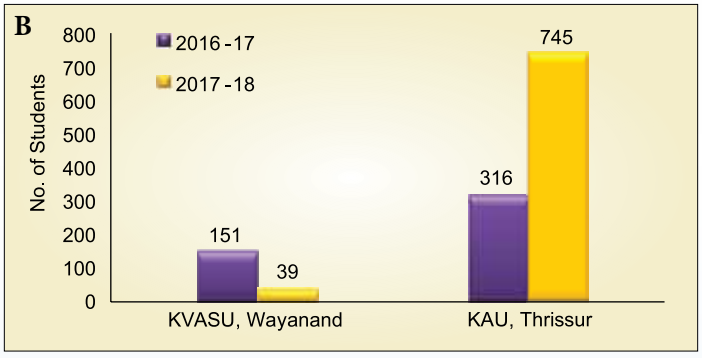

A
KVAFSU, Bidar
UAHS, Shimoga
UHS, Bagalkot
UAS, Dharwad
UAS, Raichur
UAS, Bengaluru

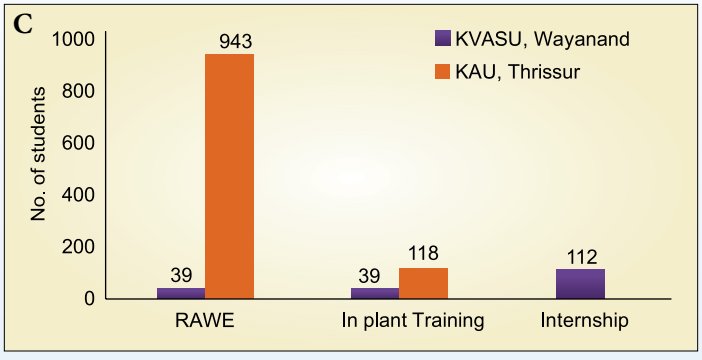

B
No. of Students
2016-17
2017-18
1200
1000
800
600
400
200
0
232
285
400
434
271
240
301
66
652
653
1063
UAS, Raichur
UHS, Bagalkot
UAHS, Shimoga
KVAFSU Bidar
UAS, Bengaluru
UAS, Dharwad


C
No. of students
1400
1200
1000
800
600
400
200
0
460
834
511
333
1305
1023
57
34
40
RAWE
In plant Training
UAS, Raichur
UHS, Bagalkot
UAHS, Shimoga
KVAFSU, Bidar
UAS, Bengaluru
UAS, Dharwad

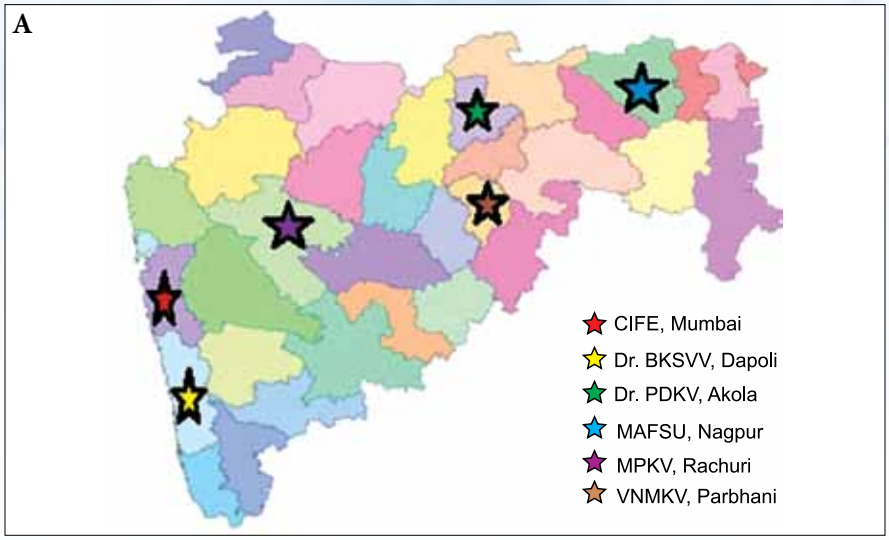
KERALA

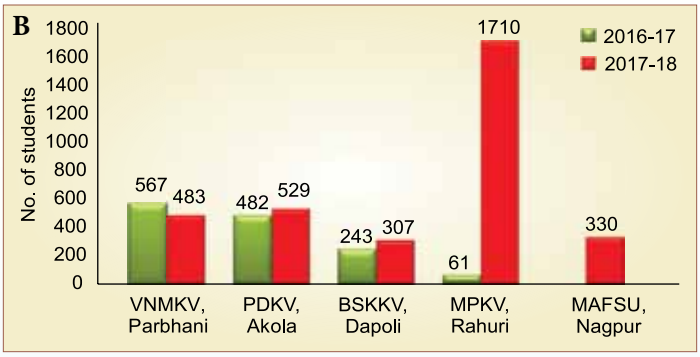

A
KAU, Thrissur
KUFOS, Kerala
KVASU, Wayanand

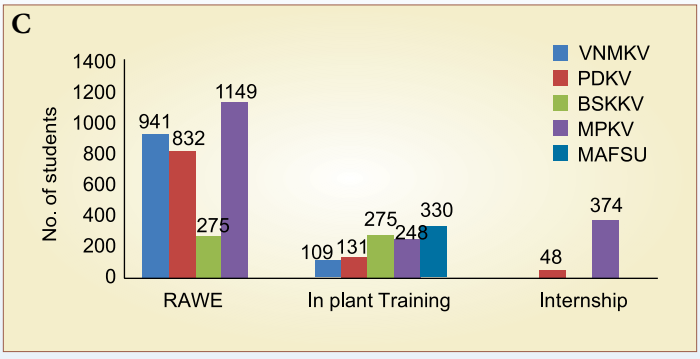

B
No. of Students
800
700
600
500
400
300
200
100
0
2016 -17
2017 -18
151
39
316
745
KVASU, Wayanand
KAU, Thrissur


C
No. of students
1000
800
600
400
200
0
KVASU, Wayanand
KAU, Thrissur
39
943
39
118
112
RAWE
In plant Training
Internship

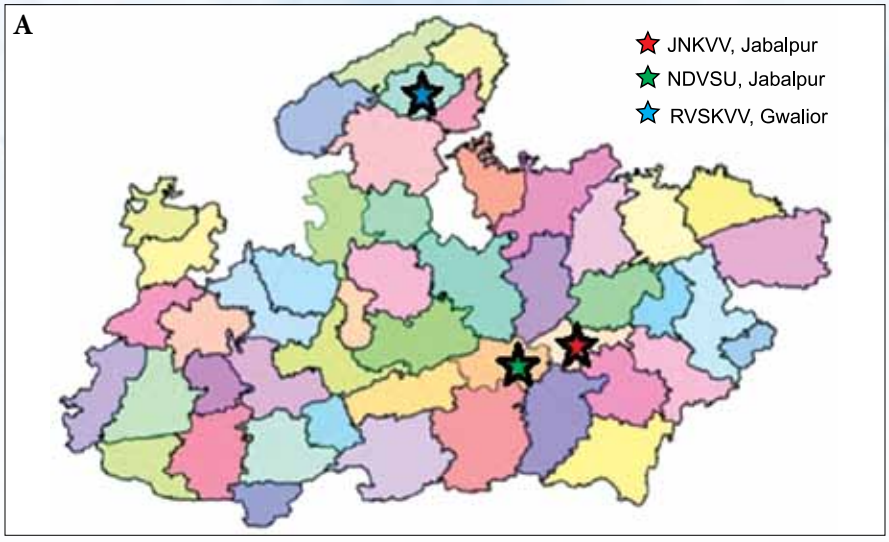
MAHARASHTRA

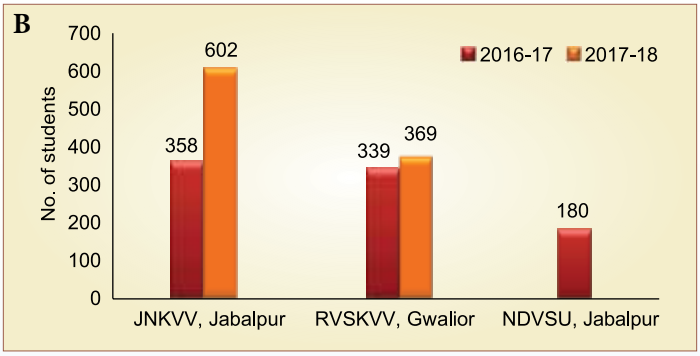


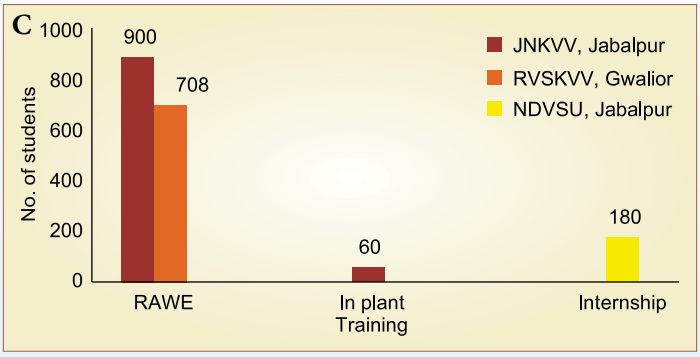




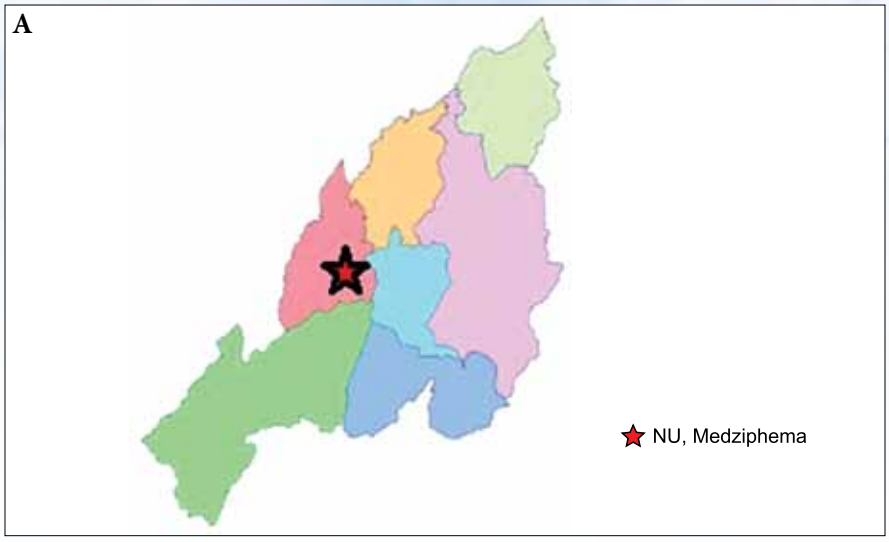
MADHYA PRADESH

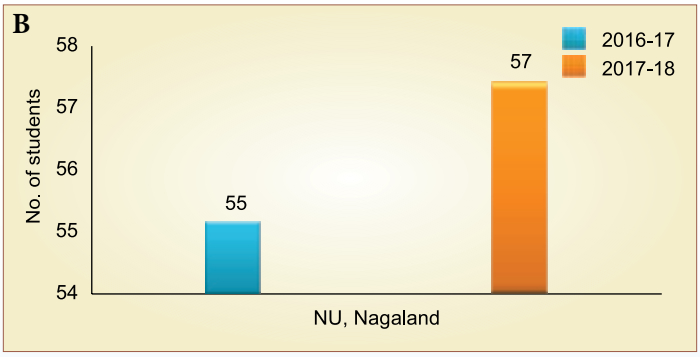


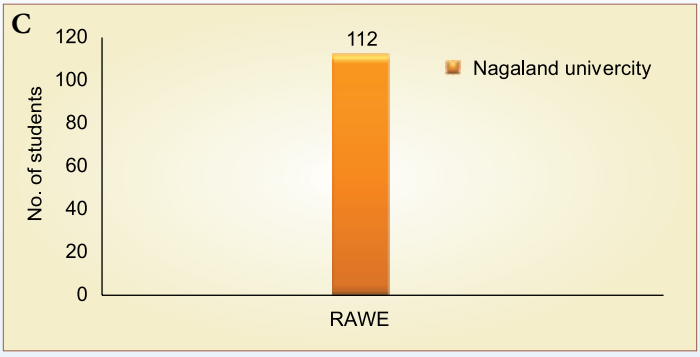




NAGALAND

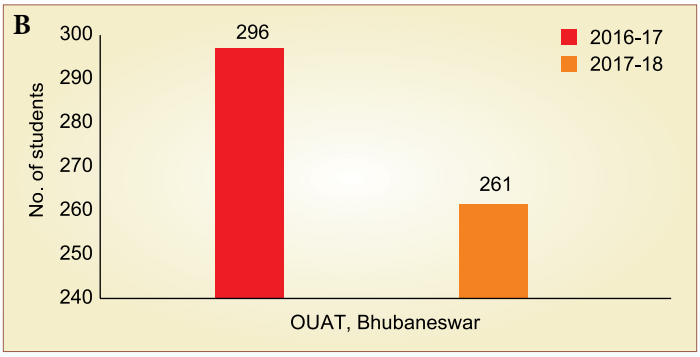

A
NU, Medziphema

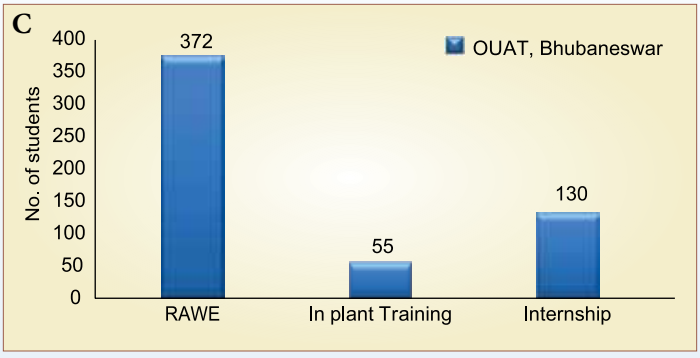

B
58
57
56
55
54
No. of students
55
57
2016-17
2017-18
NU, Nagaland


C
120
100
80
60
40
20
0
No. of students
112
Nagaland univercity
RAWE

ODISHA


A
OUAT, Bhubaneshwar


B
300
290
280
270
260
250
240
No. of students
296
261
2016-17
2017-18
OUAT, Bhubaneswar

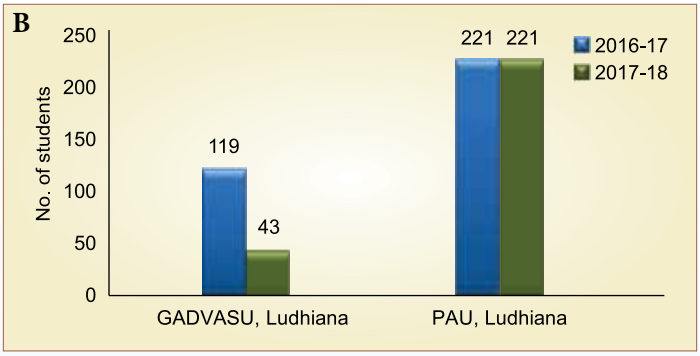

C
400
350
300
250
200
150
100
50
0
No. of students
372
55
130
OUAT, Bhubaneswar
RAWE
In plant Training
Internship

PUNJAB

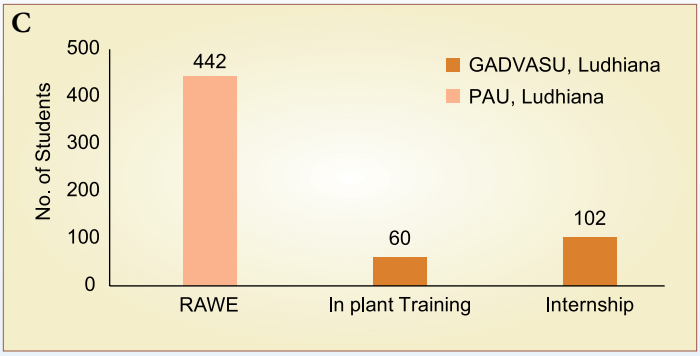
A


GADVASU, Ludhiana
PAU, Ludhiana

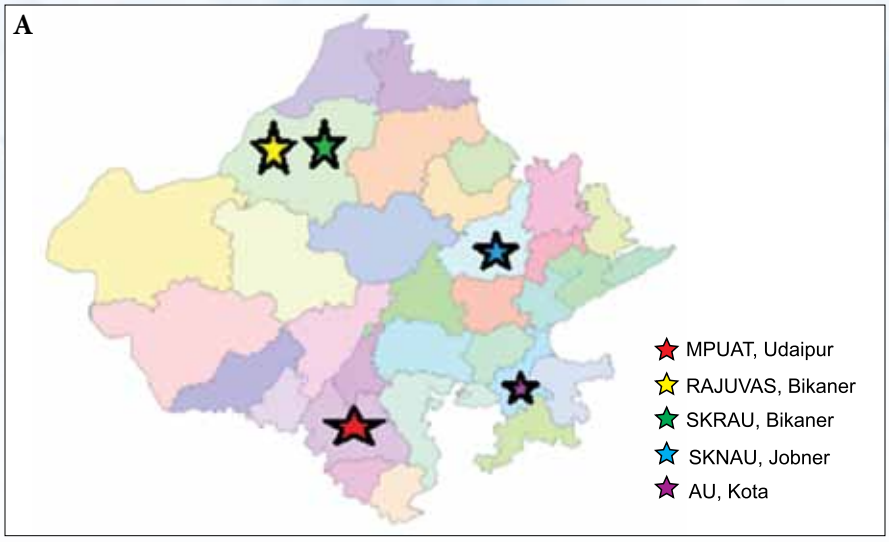
B

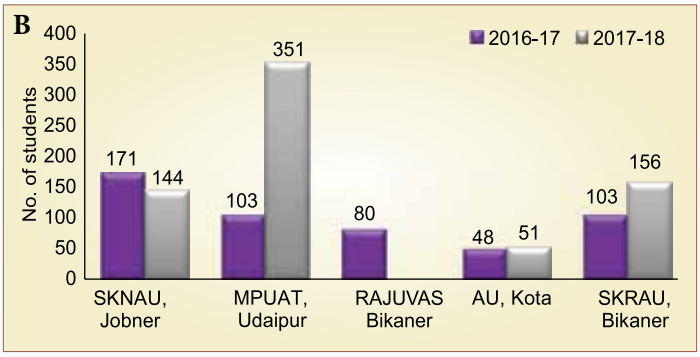

No. of students
250
200
150
100
50
0
119
43
221
221
2016-17
2017-18
GADVASU, Ludhiana
PAU, Ludhiana

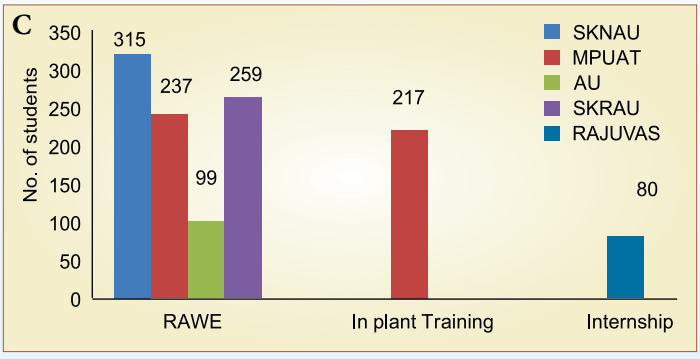
C


No. of Students
500
400
300
200
100
0
442
60
102
GADVASU, Ludhiana
PAU, Ludhiana
RAWE
In plant Training
Internship

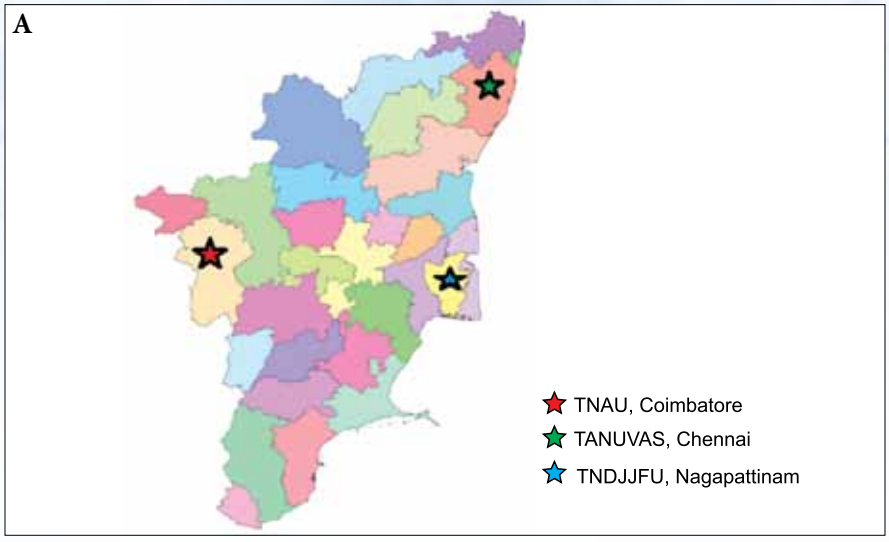
RAJASTHAN

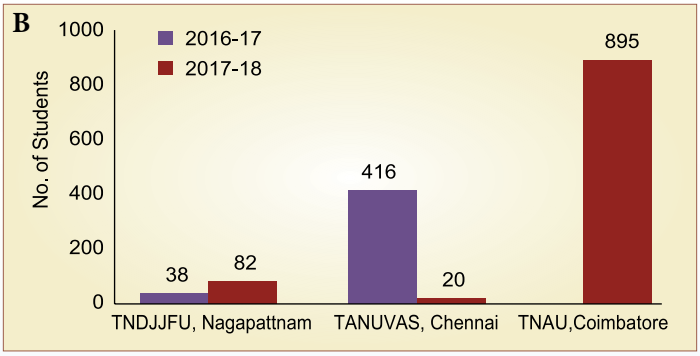

A
MPUAT, Udaipur
RAJUVAS, Bikaner
SKRAU, Bikaner
SKNAU, Jobner
AU, Kota

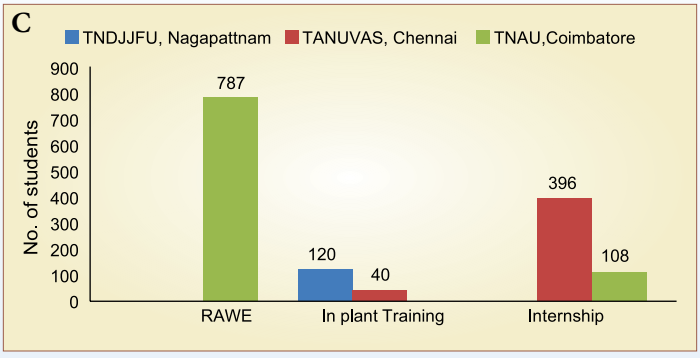

B
2016-17
2017-18
No. of students
400
350
300
250
200
150
100
50
0
171
144
103
351
80
48
51
103
156
SKNAU, Jobner
MPUAT, Udaipur
RAJUVAS Bikaner
AU, Kota
SKRAU, Bikaner


C
No. of students
350
300
250
200
150
100
50
0
315
237
99
259
217
80
SKNAU
MPUAT
AU
SKRAU
RAJUVAS
RAWE
In plant Training
Internship

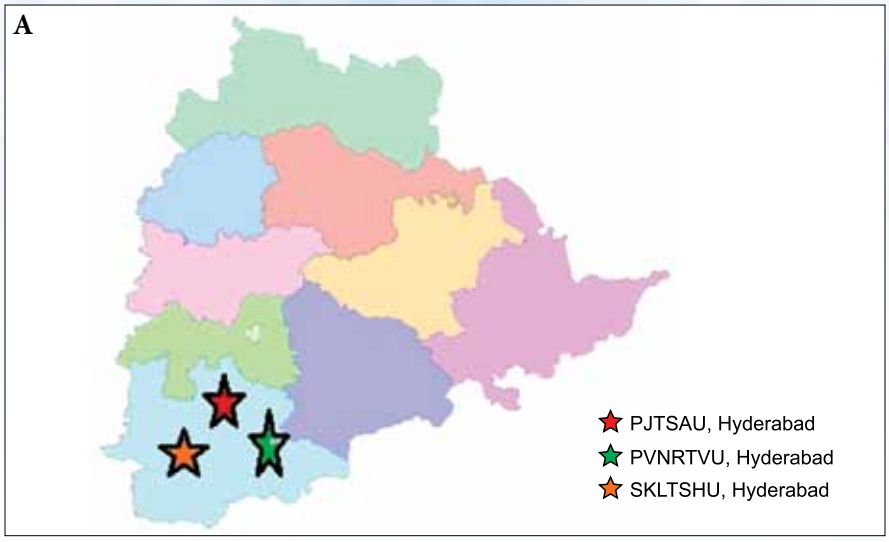
TAMIL NADU

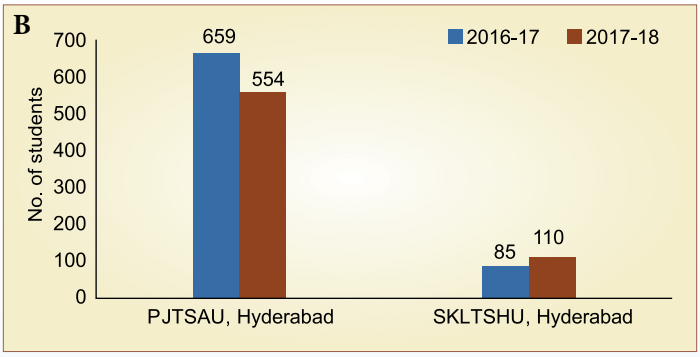

A
TNAU, Coimbatore
TANUVAS, Chennai
TNDJJFU, Nagapattinam

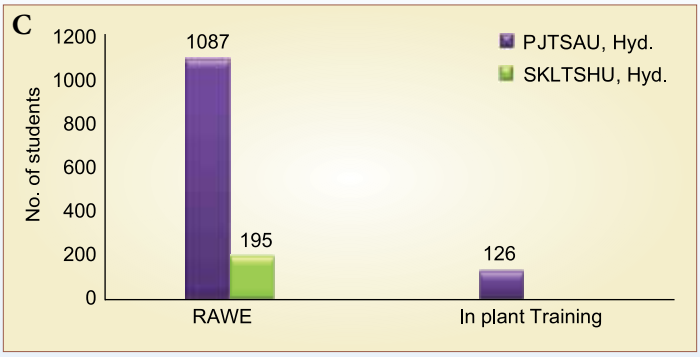

B
No. of Students
1000
800
600
400
200
0
2016-17
2017-18
38
82
416
20
895
TNDJJFU, Nagapattnam
TANUVAS, Chennai
TNAU,Coimbatore


C
TNDJJFU, Nagapattnam
TANUVAS, Chennai
TNAU,Coimbatore
No. of students
900
800
700
600
500
400
300
200
100
0
787
120
40
396
108
RAWE
In plant Training
Internship

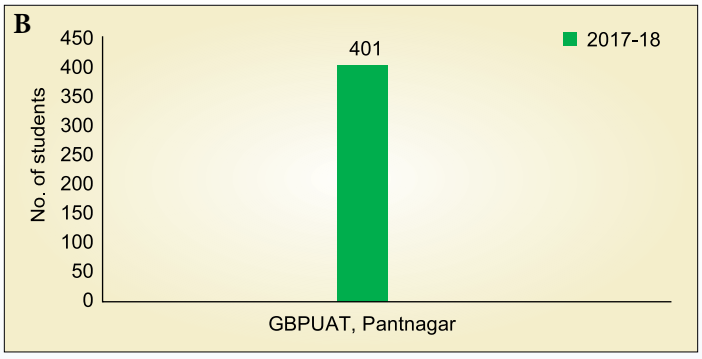
TELANGANA

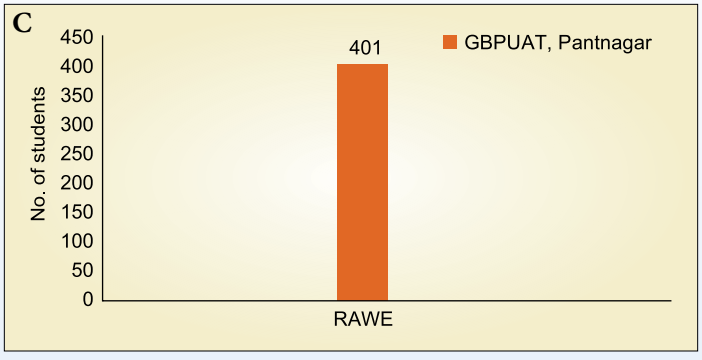

A
PJTSAU, Hyderabad
PVNRTVU, Hyderabad
SKLTSHU, Hyderabad


B
No. of students
700
600
500
400
300
200
100
0
659
554
85
110
2016-17
2017-18
PJTSAU, Hyderabad
SKLTSHU, Hyderabad

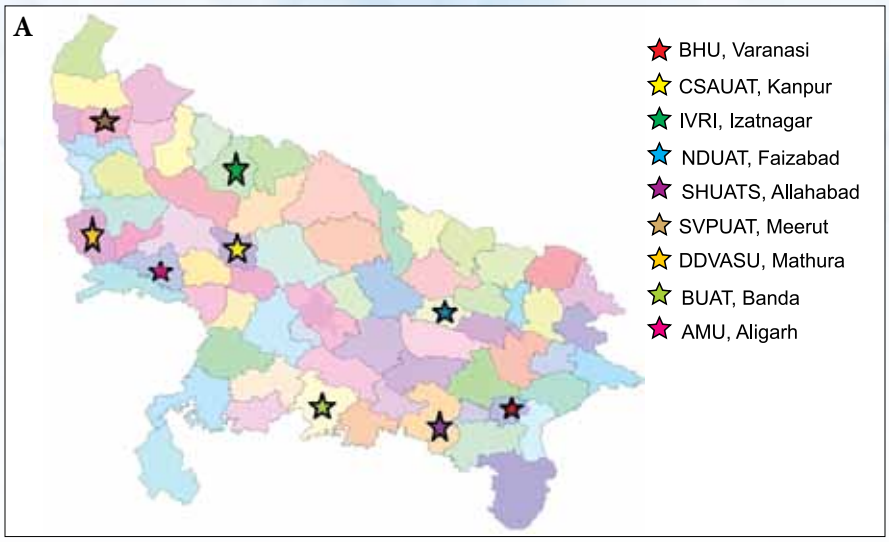

C
No. of students
1200
1000
800
600
400
200
0
1087
195
126
PJTSAU, Hyd.
SKLTSHU, Hyd.
RAWE
In plant Training

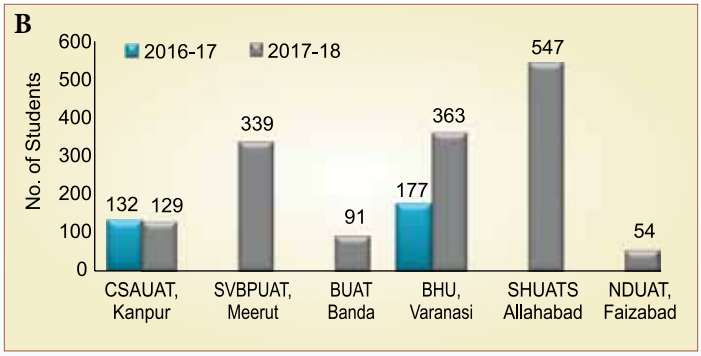
UTTARAKHAND

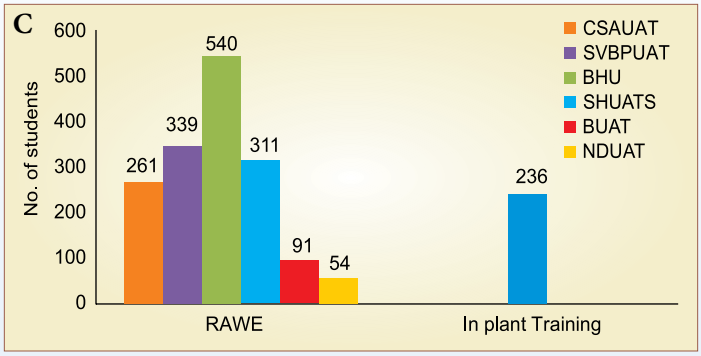




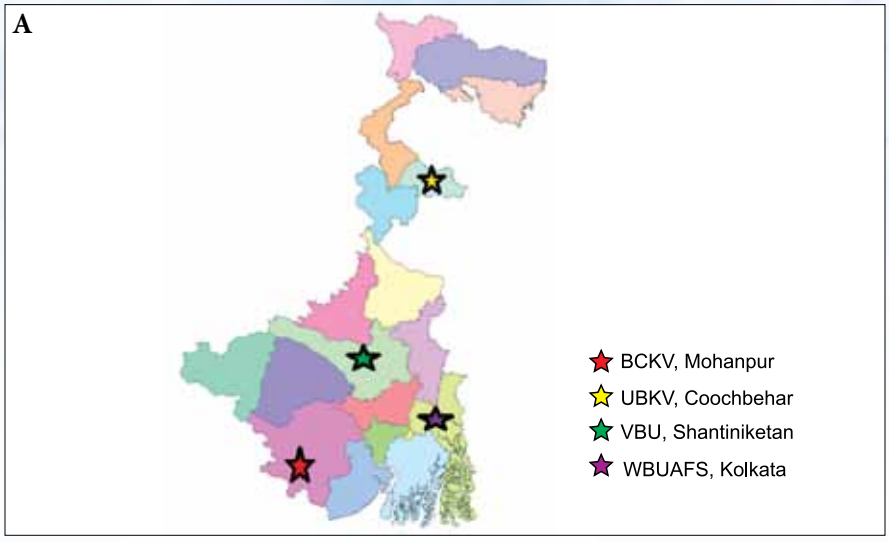
UTTAR PRADESH

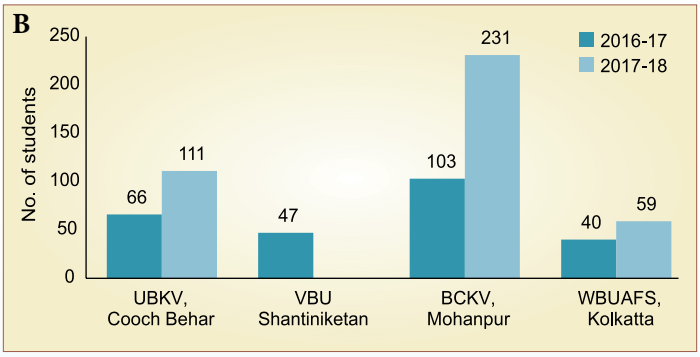


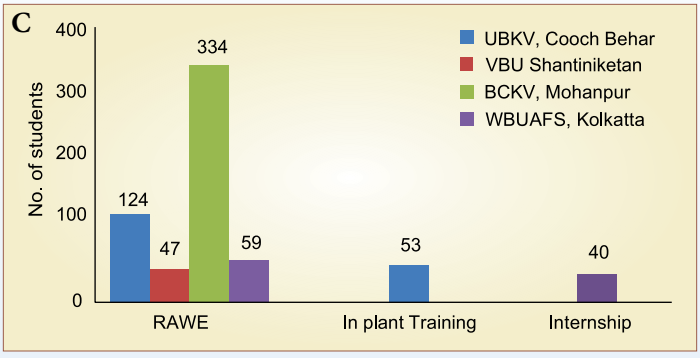




WEST BENGAL


A
BCKV, Mohanpur
UBKV, Coochbehar
VBU, Shantiniketan
WBUAFS, Kolkata


B
No. of students
250
200
150
100
50
0
2016-17
2017-18
66
111
47
103
231
40
59
UBKV, Cooch Behar
VBU Shantiniketan
BCKV, Mohanpur
WBUAFS, Kolkatta


C
No. of students
400
300
200
100
0
UBKV, Cooch Behar
VBU Shantiniketan
BCKV, Mohanpur
WBUAFS, Kolkatta
124
47
334
59
53
40
RAWE
In plant Training
Internship

Expertise gained: Discipline wise

Students are benefited in several ways from this programme. They gain first hand field level experience on issues related to agriculture and allied sciences. Students worked in different areas and gain expertise which will be useful in their future activities. Glimpses of expertise gained by students undergoing the programme in different disciplines are as follows.

Agriculture

- Hybrid seed production in vegetable cops
- ICT in Agriculture
- Identification of soil types
- IDM an IPM in mulberry gardens
- Importance of insects in cultivation
- Improved technology in horticulture
- Industrial management
- Information collection from various stock holders
- Integrated farming system (IFS)
- Interaction with farming community
- Integrated Pest Management (IPM)
- Lab to land technology dissemination
- Landscaping
- Machine planting in paddy
- Micro propagation in rose banana, sponge gourd, pomegranate
- Spawn production mushroom cultivation
- Nursery management and operations
- Packaging and marketing of agricultural produce
- PCR techniques
- PRA and survey on technology adoption, cultivation cost, farm marketing and constraints
- Preparation of media products
- Quality seed production
- Quality standards of pesticides and fertilizers
- Rapport building with farmers
- Seed production and certification
- Soil testing
- Soil testing for nutrients, pH, EC


स्वर्ण श्रेया
(Swarna Shreya)

- Technology adoption issues
- Transfer of technology (TOT)
- Value added products from flowers
- Agricultural trading and marketing.
- Application of Bio Pesticide, Bio fertilizer
- Compost making
- Content writing for publicity
- Diagnosis of physiological and nutritional disorders
- Establishment and maintenance cost
- Human resources management
- Isolation of plant pathogens
- Manufacture of Agro-chemicals
- Marketing management
- Mass multiplication of biopesticide eg Nuclear poly hedrosis virus
- Methods in sugar production
- Mulberry herbal tea blending
- Multiplication by stem cutting
- Pesticide production, packaging and marketing
- Poly house cultivation of flowers
- Potato chips making
- Poultry feed crumbles development using silkworm pupa and rice bran
- Preparation of counting plan
- Production management
- Seed treatment
- Soil treatment and soil health card
- Techniques of cuttings, layering, grafting, budding etc
- *Fasal bima yojana*
- Fruits and vegetable processing and marketing

Farm Management of: Rice, Cotton, Chillies, Turmeric, Vegetables, Sugarcane, Sweet corn, Tea, Vegetables

Plantation management in: Coffee, black pepper, mango, guava

- Visit to kisan clubs
- Consultancy services
- Conducting training and demonstration filled days
- Organising Exhibitions


Very Late Sown
(05 Jan)

- Farmers producer organisation
- Agriculture market yards
- Crop diversification at farms
- Cultivation of field and vegetable crops
- Data management and record keeping
- Demonstration and training to farmers on new technologies
- Development of Soil testing card
- Distribution of farm kits
- Economic of crop production
- Enterprise management
- Establishment of information culture
- Experimental designs and lay out in different Units
- Extension activities
- Farm mechanization
- Food preservation
- Food processing
- Functioning of Bank, Non-Governmental Organisation, agro based industries cooperation's, research units
- Godown management
- Grading of farm produce
- Crop improvement for biotic and biotic stress
- Renewable energy devices and system.
- Modern irrigation techniques and their operations
- Good agricultural practices
- Integrated farming systems
- Food safety measures
- Agricultural processing and value addition

Agriculture Engineering

Studies on: Colour plastic mulching on vegetable cultivation, Drying kinetics by different methods, Feasibility of smart phones in various agricultural operations, Hysteris effect on moisture in various soil groups, Soil erosion under different land use, Renewable energy devices and their design, Mechametrics and wireless sensors.

Planning and execution of:

- Rural small scale agro processing units for value added products
- Rain mater harvesting structures
- Low cost farm structure and green house using bamboos
- Soil conservation structure
- Custom hissing of equipments /tools implements.
- Renewable energy devices and implementation system.
- Advance CAD training
- Agricultural implements and structures
- Agricultural waste management for power generation
- Skills on entrepreneurship for repair & maintenance of farm implements
- Watershed management using GIS and people participation
- Demonstration of technologies to farming community
- Ground water survey andwater harvesting
- Processing of fruit and vegetables
- Repair and maintenance of agricultural implements
- Hands on training on tractor systems, lift irrigation, testing of operation village implements, contribution engine, fabrication operation, structure and drip irrigation systems.
- Mechanisation for hilly access

Design, Development and Performance Evaluation of :

- Android based small robot.
- Coconut processing equipments
- Coconuts blade type chilli grinder and monitor
- Dehusker for foxtail millet
- Drip and spiritual irrigation systems
- General farm implements (repair and maintenance)
- Honeycomb structured packaging material
- Micro Irrigation pumps
- Mango harvesters
- Onion seeders
- Percolation impact refer for determining stock utilising energy
- Renewable energy efficient equipments eg. Solar cooker

- Roof top water harvesting structures
- Semi automatic peeler for sweet lime
- Sensors for monitoring temperature humidity and gas concentration
- Small scale rice puffing machine
- Small tractor operated duck foot cultivator
- Social conservation structure
- Solar dryer
- Solar operated hydro phonic gadget
- Smart phone for survey
- Design of green house and its other accessories
- Agricultural loan procedures
- Farm operations at farmer field
- Awareness regarding various schemes
- Bee keeping
- Bio agent, Bio fertilizer and Bio pesticide development
- Bio fuels and Bio gas production
- Commercial production of agriculturally important bio agents
- Commercial production of silk compost, Bio fungicides, Vermicompost
- Commodity trade
- Conservation tillage practices

Biotechnology

- Antisense RNA, si-RNA
- Bioinformatics
- Blotting techniques
- cDNA cloning, structural and regulatory genes
- Characteristics of vectors- plasmids, phages and cosmids as cloning vehicles
- Culture media methods of preparation, culture condition
- Designing of primers
- DNA cloning strategies
- DNA manipulation techniques
- Economic analysis
- Embryo culture, haploid culture, single cell culture
- Enzymes of molecular cloning – *exo* and *endo* nucleases, restriction enzymes
- Establishment of commercial micro-propagation unit
- Explants selection, surface sterilization, culture establishment and hardening
- Gene chip and micro array
- Gene sequencing
- Genetic engineering – principles and methods
- Genetic transformation techniques
- Identification and isolation of gene
- Isolation and purification of nucleic acids
- Molecular markers viz., RFLP, RAPD, AFLP
- Polyacrylamide gel electrophoresis (PAGE)
- PCR technique for cloning- PCR, RT- PCR, multiplex PCR
- Plant tissue culture principles and applications
- Planting of in *vitro* propagation
- Preparation and transformation of *Ecoli* DNA polymerases
- Presentation and screening of genomic and cDNA libraries
- principles, application of PCR technology
- Production of artificial seeds

- Production of virus free plants
- Protoplast isolation and fusion *in vitro* mutagenesis
- Ribozymes
- Somaclonal variation
- Somatic hybridisation
- Tissue culture as a tool in genetic engineering




Community Science

- After school care and education of children
- Individualised developmental activities
- Art and craft for disabled children
- Awareness on different technologies for empowerment
- Baked products
- Balanced diet
- Behavioural assessment of children and adolescents through psychological test
- Case studies of patients suffering from different diseases
- Cataloguing of local foods, herbal medicines and other dietary practices
- Clothing for self employment
- Commercial garment construction unit
- Communication skills
- Computer Aided Interior Designing and Landscaping
- Conducting intervention for differently abled children
- Confectionery products
- Construction of fabric using different knitting machines and looms
- Designing and construction of garments
- Designing and printing of textiles
- Developmental activities for ECOD
- Dietetics and diet counselling
- Drudgery reduction tools for agriculture
- Entrepreneurship development
- Entrepreneurship development of rural women through 'Banana Fibre' and Woven product
- Establishing diet counselling cell
- Establishing learning centres for children
- Establishment of commercial garment construction/dress designing unit
- Expertise in making bakery products
- Development of Self- Entrepreneurship skills in baking and confectionery
- Food preservation

- Food processing technologies
- Formulations and enrichment of resources
- Formulations of different food recipes
- Functioning of NGOs
- Execution of development projects
- Nutritional value addition
- Hand Embroidery, Garment Construction
- Handling Children Problems and Counselling
- Handling psychological problems of adolescence
- Identification of mentally retarded children
- Preparation of individualised educational material for special children
- Report writing of case studies and counselling sessions
- Improvement of Nutritional status under rural setup
- Quality life improvement of rural people through resource management
- Installation of Model Kitchen garden in Primary schools of villages
- Installation of Vermicompost unit at individual household
- Interior Decoration of residential and commercial spaces
- Interior Designing using digital and multimedia
- Kitchen storage arrangements
- Management of mentally retarded children
- Management of children with special needs
- Marketing skills
- Motivation of farmers towards organic farming
- Motivation of women towards entrepreneurship development
- Nutrition awareness and diet counselling
- Nutritious recipes
- Organic farming
- Organizing children's corner in schools and puppet shows
- Preparing posters, charts, rhymes, identity cards and educational packages for preschools
- Paper craft Quilling, mural painting, sculpture designing
- Pottery decoration
- Preparation of baked products like cakes and cookies

- Preparation of handicrafts from agricultural bi-products such as jute, coir, palm leaves, straw
- Preparation of tomato and chili sauce, pickles, chutney, masala powder
- Printing press functioning
- Quality checking of raw material
- Reproductive health of young mothers and counselling
- Resources management
- Rug making
- Selection of fabric for different garment
- Self employment by basket weaving
- Stencil painting, pot painting, tie and dye, block printing, protective farm clothing, soap making
- Life Style products
- Textile processing (commercial dyeing, blending of fibre) in industries
- Trained women in child caring and different aspects of parenting
- Trained women in overcoming malnutrition of family members and community
- Weaving/Knitting
- Web Designing





Dairy Technology

- Commercial processing and packaging of milk products
- Dairy plants operation & maintenance
- Procurement of Raw Milk & Production Processes
- Dairy product manufacturing techniques
- Exposure to large scale manufacturing and packaging of dairy products
- Labour Management and inventory
- Marketing strategy
- Process Control and monitoring system
- Procuring, manufacturing and marketing of Dairy products
- Self-entrepreneurship development
- Product innovation and its promotion
- Quality Control measures
- Quality evaluation of dairy products/ sensory evaluation
- Clean milk procurement
- Good dairy timing practices
- Energy analysis for processing and value addition
- Chocolate manufacturing
- Green and butter manufacturing
- Entrepreneurship in dsairy sectors
- Project Planning and execution
- Energy efficient milk processing
- Milk cooperative system and its learning
- Milk microbiology and bio chemical study
- Market milk strategy
- Integration of Raw material, skill, trade and utility for successful organisation of entrepreneurship


Y & X sperm peaks
Drop monitors
Y & X sperm peaks
Pressure monitor
Pressure monitor
Sorted Sperm

Fisheries

- Aquaculture feed management
- Aquaculture production technology
- Aquaculture-Freshwater fish culture, shrimp culture, Catfish culture
- Aquatic pollution
- Azolla culture technology
- Brackishwater fisheries
- Breeding and seed production of ornamental fish
- Cage culture techniques
- Entrepreneurship skills on post harvest technology
- Culture of aquatic plants and their utilization as fish feed and pond manure
- Disease diagnosis, treatment and cure for fish health management
- Farming of major carp species
- Breeding and hatchery management of major carp species
- Fish disease diagnosis
- Fish Feed formulation and feeding strategies
- Fish Nutrition
- Fish processing, preservation and value addition
- Fisheries resource management
- Fishing Gear Technology
- Fishing Craft Technology
- Freshwater pearl culture
- HACCP
- Hatchery designing and management
- Marine fish processing system
- Post harvest technology of value added seafood products
- Prawn/shrimp culture and breeding
- Pre and Post Stocking Pond Management
- Quality Seed Production
- Production of value added fish products
- Seamanship and Navigation

- Survey and lay out drawing of a typical fish farm
- Survey of fish farmers/ fish markets/ shrimp farm
- Survey-data collection and analysis
- Training on fish farms, shrimp farms, and ornamental fish farms
- Village ponds: Management and aquaculture
- Water testing for quality management for aquaculture
- Good fish farming practices
- Processing of fish and value addition






Food Technology

- Analytical techniques for food analysis
- Quality control
- Backing Technology
- Beverages Technology
- Commercial food production
- Economic Analysis
- Development analysis and marketing of health products
- Effluent plant treatment
- Extrusion operation, products and Quality control
- Food and Agriculture machineries
- Food processing technology
- Food Quality analysis, Safety and reporting
- Fruit and Vegetable Preservation
- Grain Milling Technology
- HACCP, packing and marketing
- Innovative food products
- Milk products processing
- Pasteurization, Homogenization and platform tests in milk processing Milk-by-product utilization for value added food products
- Preparing natural and artificial flavours
- Flavoured milk powder production
- Quality control and checking adulteration in milk
- Processing machinery study
- Processing of carbonated Beverages
- Processing of Fragrances and Flavourings
- Processing of Ghee, Skim milk powder
- UHT processing
- Processing of pickles and various vegetables preservation
- Processing of milk and milk products
- Storage, Quality control and Packing

- Cold and Hot Bottle processing of different beverages
- Usage of Induction motor, Cutting, Welding, Painting, Bending, Drilling
- Egg, fish and meat processing
- Unit operations for fruit and vegetable processing
- Energy efficient drying method
- Roasted grain technology
- Milk processing techniques
- Cereal and pulses processing techniques
- Techno-economic analysis of food processing
- Quality food procurement
- Good dairy processing techniques
- Trading and marketing of processed food products
- Integration of raw milk and utility
- Different energy efficient utility

Forestry

- Analysis of gap between farmers practice and recommended practices
- Analyzing the prey-predator environment relationship
- Animal Production Interventions
- Aromatic and Medicinal Plant Units
- Bench Mark Survey of plant resources
- Development of soil and water conservation structures
- Captive management of wild life in zoo
- silvicultural practices - Carbon forests, avenue plantations, wind breaks, shelterbelts etc,
- Carpentry, bamboo and reed crafts
- Census methods of wildlife
- Challenges to monitoring
- Climatic and edaphic variables their assessment
- Collection and raising of ornamental plants, honey
- Compiling the survey data in GIS
- Conservation and preservation of forest biodiversity and genetic resources
- Control measures of major diseases
- Cost of cultivation
- Crafting operation
- Decision making matching objectives and resources
- Demand assessment of in local /potential markets and institutions
- Demarcation of fire line

- Designing Agroforestry systems
- Development of appropriate storage facility
- Development of irrigation facility, raising nursery
- Development of molecular markers and DNA based species identification
- Different storage structure, Grain storage, weather forecasting
- Disease survey and collection of disease samples
- Documenting Indigenous Technical Knowledge (ITK)
- Domestication, cultivation of valuable medicinal and aromatic plants
- Engineering and vegetation contour solutions for soil and water conservation
- Establishment of semi permanent propagation structures
- Estimation of relative abundance
- Ethono medical uses of plants
- Expertise in value addition and marketing of NTFPs
- Exposure on forests and wildlife
- Exposure to forest legal matters
- Fabrication the primary and secondary tillage wooden equipments
- Familiarization of timber markets, saw mills, forests depots etc
- Farm tourism
- FDA (Forest Development Agencies)
- First aid practices snake bite, animal attack, poachers and accidents
- First aid for wild animals in distress and volunteering in rural health services
- Forest Based Industries
- Forest management practices Forest regeneration and Ecological studies

- Forest product based Cottage industry resources
- GIS based watershed delineation
- Grading, storing and marketing of planting material
- Grasses, shrubs and trees and their combination
- Hands on training in Plantation management, macro propagation and Industrial Forestry
- Hi-Tech nursery and plantation management
- Identification of economically important NWFPs
- Identification of important bee flora
- Important medicinal plants and extraction of essential oils
- Industrial Plywood Industry
- Laboratory Wood conservation
- Large carnivore ecology, density
- Layout and designing a model tree farm
- Livestock resource
- Logging operations
- Low input, medium and high input systems
- Maintenance of the environmental stability and ecological balance
- Management of orchard with IPM and INM practices
- Mapping and the use of GIS data sources
- Market survey and prioritization of species
- Marketing, planning potential and management practices of Forest products
- Mist netting for small mammal surveys
- Molecular markers wildlife identification, Conservation Biology
- National Parks and wildlife sanctuaries
- Natural resources management
- Operate different equipments
- Production of different Entomopathogenic fungi
- Planning, evaluation, feasibility and impact of plantation projects
- Plant identification and recording morphometric descriptions of plants
- Plant Protection Interventions initiation, termination and peak period of insect
- Planting techniques, planting to develop arbours, carpet beds, topiary
- Plywood preparation

- Potential of different species for various end uses were determined
- Practical learning and wide exposure on forests and wildlife
- Practices related to the theme Ethno botany
- Preparation of contour map- resource map
- Preparation of detailed landscape plan
- Preparation of insecticide solution and precautions
- Preservation Treatment Plants
- Process and practicality of industrial setup
- Producing maps of spatial distribution
- Production of quality planting material of commercially important tree species
- Pulp and Paper Industries
- Rainfall measurement, analysis and water budgeting- survey of watershed area
- Regeneration and management practices of forest plants diversity in uplands
- Regeneration studies
- Research activities of the institutes and its practical applications
- Resource assessment and scientific harvesting of other forest products
- Resource inventory- soil, water, vegetation
- Role of Biotechnology in wildlife forensic science- the biological tools or techniques
- Application of molecular biology in identification of confiscated biological samples
- Schedule for intercultural operation
- Scope of value addition and product diversification
- Seed treatment Seed Collection, Storage and Testing
- Forest Nursery and methods of raising of seedlings/ cuttings/ grafts

- Sericulture (Tusser)
- Sherman trapping and pit fall trapping for the non-violent small mammal surveys
- Silvicultural practices for raising tree crops on different landscapes
- Site preparation, slash and debris management
- Site-species suitability
- Soil erosion types and extent
- Soil Improvement Interventions
- Soil maps, soil profile and morphology, run off and soil loss estimation
- Soil working, staking, layout and alignment
- State Forest Department for forestry and wildlife operations
- Study the 'CAT' (Catchment Area Treatment Plan)
- Study the felling and logging operations, timber lots and important industrial products
- Working plan, enumeration, volume and yield calculation and compartment history files
- Summarizing data and querying the GIS database
- Surveying/ studying the avifauna, Herpeto – faunal studies
- Survival, mortality and population of dynamics, environmental factors on monitoring
- Systems, plantation combinations and woodlots suitable for humid tropics
- Technical skills in Forest inventory
- Techniques like grafting, budding, fertigation, pest and disease management
- Climate and quality management in protected cultivation
- Techniques of bee colony management, Queen rearing and separation, colony multiplication
- Techniques to manage competition
- Technology upgradation, modernization and enterprise diversification
- Timber samples conversion into sticks/ smaller size/ macerated
- Updating of wood database
- Tree farming: Tree based land-use systems for various agro ecological regions-Identification of compatible tree species
- Use of forestry equipments/instruments, Study the regeneration and management of important forestry tree species, Sample plots, layout studies, Stump analysis, preparation of local volume Tables

- Using GIS and Remote sensing applications
- Population monitoring, conceptual framework, statistical framework,
- Vegetation analysis studies
- Village Forest Committees, corporations, youth/women groups etc,
- People's participation in developmental programmes with reference to forestry
- Visit to Forests and National Parks
- Visit to modern forest nurseries, herbal gardens and watersheds
- Watershed concepts, Water conservation: ground water recharging, in-situ water conservation
- Weapon Training and First Aid Training Project formulation
- Wild life and Protected Areas
- Wild life management, census and captive animal management training
- Wood Products Industries, rubber, NWFP




Veterinary Sciences

- Abattoir and zoo animal practice
- Acquaintance, prevention and diagnosis to different pathological situations
- Ambulatory van, transport of sick animal
- Andrological examination of bull
- Animal Birth Control programme
- Animal grooming viz., hair clipping, Nail trimming, Medicinal bathing, etc.
- Animal reproduction
- Application of plaster cast/splint for fracture immobilization
- Artificial insemination
- Awareness to farmers about improved livestock practices
- Awareness towards zoonotic diseases
- Broiler production management
- By product utilization techniques
- Carcass quality evaluation
- Cardio Pulmonary Resuscitation Technique
- Care and management of different livestock species by the farmers
- Client management
- Clinical emergencies
- Clinical training at University and District Hospitals
- Common surgical procedures including dehorning, docking, caessarian section, ovario-hysterectomy, castration, rumenotomy
- Communication technology tools
- Computation of ration of livestock of different breeds and age groups in critical care unit
- Dairy Farming
- Feed formulations for cattle and poultry
- Deworming procedures and doses
- Diagnosis and confirmation of diseases
- Diagnosis and surgical corrections in animals
- Diagnosis and treatment of different systemic diseases in animals
- Diagnosis and treatment of reproductive disorders

- Diagnosis of different ovarian disorders in cattle
- Diagnostic laboratories
- Disease control campaigns
- Diseases Diagnosis using tissue culture, PCR and serodiagnosis
- Dosage regimens of important drugs
- Drug administration techniques in different species of animals
- Economics and marketing
- Emergency Clinical procedures
- Entrepreneurship for Dairy and Poultry Farming
- Experiences to run a commercial broiler unit/farm profitably
- Exposure for staff employment
- Farm animal management exposure
- Feeding and housing practices of animals in the village
- Fertile egg production by natural mating




- Fodder management and interpretation of feed quality evaluation
- Gynaecology and obstetrics
- Haematological evaluation and interpretation
- Handling of radiograph, interpretation of a given radiograph of large and small animals
- Hands-on on post-mortem practices
- Hospital management, record keeping
- Housing, Feeding, management and disease control measures including vaccination of different Livestock and Poultry Vaccines
- Identification of major livestock-poultry breeds
- Improvement in Veterinary Practice
- Indoor ward care
- Knowledge to start own farm and feed mill unit
- Lab techniques
- Laparoscopy and video gastroscopy and computed radiography to diagnose the diseases
- Latest diagnostics and treatment technique
- Layer production management
- Livestock and Poultry Production Management at farms
- Livestock management in adverse situations
- Anaesthesia administration Nerve blocks –sites, functional applications
- Maintenance of hatchery
- Management, marketing and cattle of yard, poultry, piggery farm, pork, goats
- Management of critically ill animals
- Management of different parturition abnormalities in cattle
- Management of vaginal/uterine prolapse and dystocia
- Managemental practices for rearing broilers and layers
- Managing an outbreak of infectious/contagious disease
- Marketing dairy and meat products
- Marketing and export of commercial feeds for livestock
- Measuring climatic parameters and their interpretation
- Meat and Milk plant on rotation basis
- Microbiological processing and diagnosis of different diseases in animals·
- Milk management, quality assessment and processing
- Nutritional strategies in different species of animals

- Organization of extension camps and motivation programmes
- Pet food processing line and packaging, quality control and storage
- Poultry production and management
- Pre-anesthetic administration and induction, maintenance of general anaesthesia and dealing with anesthetic emergencies
- Pet spa
- Pregnancy diagnosis, Pregnancy stages and lactation status
- Preservation and evaluation of semen
- Processing and packaging of milk and milk products
- Production and management of livestock
- Public health importance
- Recording and interpretation of cardiovascular response
- Rectal examination
- Relating post-mortem lesions to major livestock diseases
- Sample collection, handling and dispatch of biological materials for laboratory examination
- Specific diagnostic tests for zoonotic diseases
- Sperm station
- State Zoo Farm management and record keeping
- Surgical management of hernia in cattle
- Suture material, suture pattern and tying knots
- Training at Central Semen Station/ NCC Unit/ Goat/ Pig farm)
- Training in meat plants, milk plants, etc, training in zoo/wild life centre / national parks
- Treatment and Prevention of Animal Diseases
- Ultrasound: interpretation and clinical correlation
- Urine evaluation procedures, examination, Examination of skin scrapings, Feacal and blood profile in diseases
- Vaccination awareness and administration
- Vaccine Production
- Veterinary Hospital Practices
- Wild life management
- X-Ray: interpretation and clinical correlation

List of organisation where students were trained during RAWE/In Plant Training/ Students project

- Agricultural Research Stations
- Agriculture Training Centres
- Agro-based Industries
- Bio control laboratories
- Horticultural Research Stations
- Krishi Vigyan Kendras (KVK)
- Seed Development Corporations
- Soil Testing laboratories
- State Department of Agriculture
- Veterinary Clinics
- Zoological gardens
- A.I. centre, Supela, Bhilai
- Amul
- Animal Farms in various locations
- Ayush Hospital, Vijayawada.
- Bamanda Biotech,Khurda
- Bikaji International, Bikaner
- Bio control Lab, Darsi
- Bio control labs, Department of Agriculture, Kadapa
- Biological Control Laboratory, Ibrahim Patnam, Krishna District
- Biological Control Laboratory, Ongole
- Biotechnology laboratory, Anantapur
- Cashew Research Station, Bapatla, Guntur
- Central Farm Machinery Training and Testing Institute, Budni
- Central Semen Station, Anjora, Durg
- Centre for Advance Research in Agriculture, OUAT, Bhubaneswar
- Centre for Environment Education, Bhubaneswar
- CFMTTI, Budni
- Choudhary Printers Pvt. Ltd, Udaipur
- Citrus Research Station, Tirupati

- Coconut Development Board
- College, Dairy Farm, Anjora, Durg
- Craft junction, Ludhiana
- D.I. Lab, Durg
- DAATTC, Guntur
- DAATTC, Machilipatnam
- Damodar Valley Corporation, Hazaribag,
- DCF, Mukundarrah
- Deomali plantations Semiliguda
- Development of Humane Action (DHAN)
- Dhakshanya school for the mentally challenged, Guntur,
- Dharvi Interiors, Krishna Nagar, Guntur
- Directorate of Ground Water Survey and Investigation, Bhubaneswar
- Disease Diagnosis Labs
- Dy, Conservator of Forests (Wildlife), Udaipur
- Effort NGO, Marteru
- Eminent Apps, Vishakapatnam
- HECM, INDLA
- Farmers Training Centre (FTC), Vijayawada
- FIM scheme, Bapatla
- Food Corporation of India, Bhubaneswar Gobindalaya, Nawarangpur
- GM, District Indusrial Centre, Jhalawar
- Gosala, Guwahati
- Government General Hospital, Guntur
- Government Hospital, Durg
- Government Polyclinic, Ahmedabad
- Government Poultry Farm, Durg
- Government Vaccine Institute, Gandhinagar
- Groundnut processing unit. Pvt. Ltd., Anantapur
- Harsha Trust, Jeypore, Koraput and Nawarangpur
- ICAR- Central Institute of Post Harvest Engineering and Technology, Ludhiana
- ICAR-Central Institute of Agricultural Engineering, Bhopal

- ICAR-CTCRI, Thiruvananthapuram
- ICAR-IIWM, Bhubaneswar
- ICRISAT, Hyderabad
- IICPT, Tanjavoor, Tamil Nadu
- IISWC Bellary, Karnataka
- IISWC Udhagamandalam, Tamil Nadu
- Indian Institute for Rural Development, Jaipur
- Indian Institute of Soil and Water Conservation, Odhagamandalam
- Indian Institute of Soil and Water Conservation, Vasad
- Irrigation Pvt. Ltd., Jalagaon, Maharashtra
- ITC, Mysore, Guntur
- KASAM, Phulbani
- KCP Sugars and Industries Corporation Limited, Vuyyuru
- Kisan seed processing Society, Godahar, Rewa
- M/s Arihant Agro foods, Jaipur
- M/s Bikaji Foods International Limited, Bikaner
- M/s Chopda Irrigation, Near Police Station, Jobner
- M/s Dew Drop Rose Ltd., Kesagodu, Belur
- M/s Dhanvantri Nursery, Jhalarapattan, Jhalawar
- M/s Dodla dairy ltd. Chittor
- M/s Maa Gayatri Nursery, Distt. Shajapur
- M/s Pate Seeds Industries, Villages Kalyanpura
- M/s Prudential sugar corporation ltd.Chittor
- M/s Saroniya Santra Kisan Producer, Jhalawar
- M/s Satyanarain Hissaria Guwar
- M/s Shree Nath Polymers, Jaipur
- M/s Swami Vivekan and Jaivik Krishi Anushandhan Kendra,Jhalawar
- M/s Veeranjaneya Commercial Nursery
- Matri Bhumi Beej Utpadit Sahkari Sanstha, Sironj
- Medicinal Plant Knowledge Centre
- Mediways Hospital, Ludhiayana
- Megha Agri- tech Pvt. Ltd., Bengaluru

- MGM Agritech and research Institute, Boudh
- Milk Mantra Dairy plant, Nimapara, Odisha
- NRI Agritech Private Limited, Guntur
- National Park, Kota, Rajasthan
- NIH, Kakinada
- NIPHM, Hyderabad
- Northern Region Farm Machinery Training and Testing Institute, Hisar
- NRFMTandTI, Hissar
- Nuziveedu seeds, Ranga Reddy, AP
- Odisha Biological Products Institute, Bhubaneswar
- Odisha Farm Machinery Research Development Centre, Bhubaneswar
- Odisha Lift Irrigation Corporation, Bhubaneswar
- Odisha Milk Federation
- Odisha Renewable Energy Development Agency, Bhubaneswar
- Odisha Watershed Development Mission, Bhubaneswar
- OFDC sawmill, Cuttack
- ORIPLY Industry
- Pesticide and Fertilizer testing Laboratory, Anantapur
- Polyhouse units of Syed Munir, Belur, Hassan
- Processing Unit,Shivamogga
- Pulse Mill Chorahata, Rewa
- Rajiv Gandhi National Ground Water Training and Research Center
- Rasmirekha mushroom, Pipili
- Rice mill Godahar Rewa
- RPRC, Regional Museum of Natural History
- Ruchi Mushroom, Baripada
- Ruchi Soya Industries Limited, Bapulapadu Mandal
- Sariska Tiger Project, Alwar
- Shree Sita Refiners
- Silviculture Research Station, Bhubaneswar
- SNM group of companies,
- Soil Testing laboratory, Kadapa.

- SRFMT and TI, Garladinne, Anantapur
- Sri Sai Deep Garments Nallapadu, Guntur
- Srini Food Park Pvt Ltd.
- Sujala Irrigation Pvt. Ltd., Bengaluru
- Sumul
- Sutar agro chemicals, Ranital, Bhadrak
- Tech art gallery, Ludhiana
- The Delta Sugars, Vijayawada
- The Nuziveedu seeds, Chintalapudi, Eluru
- Tourism Department, Jhalawar
- Uddan Shimla
- Varnashree Nursery, Gajanoor, Shivamogga
- Vedanta irrigation system Pvt. Ltd., Bengaluru
- Vedic Agrochemicals, Tarekeswar, Howrah
- Vertex Info. Solutions, Chandigarh
- VST tractors and tillers Ltd. Whitefield road , Bengaluru
- Water and Land Management Training and Research Institute, Hyderabad.
- Willing Advertises, Guntur

State	Abbreviation	Name of University
AP	ANGRAU, Guntur	Acharya NG Ranga Agricultural University, Guntur
AP	SVVU, Tirupati	Sri Venkateswara Veterinary University, Tirupati
AP	DYSRHU, Vgudem	Dr YSR Horticultural University, Venkatramannagudem
AS	AAU, Jorhat	Assam Agricultural University, Jorhat
BR	BAU, Sabour	Bihar Agricultural University, Sabour
BR	DRPCAU, Pusa	Dr Rajendra Prasad Central Agricultural University, Pusa
BR	BASU, Patna	Bihar Animal Sciences University, Patna
CG	CKV, Durg	Chattishgarh Kamdhenu Vishwavidyalaya, Durg
CG	IGKV, Raipur	Indira Gandhi Krishi Vishwavidyalaya, Raipur
GJ	AAU, Anand	Anand Agricultural University, Anand
GJ	JAU, Junagadh	Junagadh Agricultural University, Junagadh
GJ	KU, Amreli	Kamdhenu University, Amreli
GJ	SKDAU, Dantiwada	Sardarkrushinagar Dantiwada Agricultural University, Dantiwada
GJ	NAU, Navsari	Navsari Agricultural University, Navsari
HP	CSKHPKV, Palampur	Chaudhary Sarwan Kuman Himachal Pradesh Krishi Vishvavidyalaya, Palampur
HP	DYSPUHF, Solan	Dr YS Parmar University of Horticulture and Forestry, Solan
HR	CCSHAU, Hisar	Chaudhary Charan Singh Haryana Agricultural University, Hisar
HR	LLRUVAS, Hisar	Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar
HR	NDRI, Karnal	National Dairy Research Institute, Karnal
HR	MHU, Karnal	Maharana Pratap Horticultural University, Karnal

State	Abbreviation	Name of University
J&K	SKUAST, Jammu	Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu
J&K	SKUAST, Srinagar	Sher-e-Kashmir University of Agricultural Sciences and Technology, Srinagar
JH	BAU, Ranchi	Birsa Agricultural University, Ranchi
KA	UAS, Bengaluru	University of Agricultural Sciences, Bengaluru
KA	UAS, Dharwad	University of Agricultural Sciences, Dharwad
KA	UHS, Bagalkot	University of Agricultural Sciences, Bagalkot
KA	KVAFSU, Bidar	Karnataka Veterinary Animal and Fisheries Sciences University, Bidar
KA	UAS, Raichur	University of Agricultural Sciences, Raichur
KA	UAHS, Shimoga	University of Agricultural and Horticultural, Shimoga
KL	KAU, Thrissur	Kerala Agricultural University, Thrissur
KL	KVASU, Wayanand	Kerala Veterinary and Animal Sciences University
KL	KUFOS, Kochi	Kerala University of Fisheries and Ocean studies, Kochi
MH	CIEF, Mumbai	Central Institute of Fisheries Education, Mumbai
MH	DBSKVV, Dapoli	Dr. Balasaheb Sawant Sawant Konkan Krishi Vidyapeeth, Dapoli
MH	DPDKV, Akola	Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola
MH	MAFSU, Nagpur	Maharashtra Animal and Fisheries Sciences University, Nagpur
MH	MPKV, Rahuri	Mahatma Phule Krishi Vidyapeeth, Rahuri
MH	VNMKV, Parbhani	Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani
MP	JNKVV, Jabalpur	Jawahar Lal Nehru Krishi Vishwavidyalaya, Jabalpur

State	Abbreviation	Name of University
MP	NDVSU, Jabalpur	Nanaji Deshmukh Veterinary Sciences University, Jabalpur
MP	RVSKVV, Gwalior	Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior
NL	NU, Medziphema	Nagaland University, Medziphema
OR	OUAT, Bhubaneswar	Odisha University of Agriculture and Technology, Bhubaneswar
PB	PAU, Ludhiana	Punjab Agricultural University, Ludhiana
PB	GADVASU, Ludhiana	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana
RJ	MPUAT, Udaipur	Maharana Pratap University of Agricultural and Technology, Udaipur
RJ	RAJUVAS, Bikaner	Rajasthan University of Veterinary and Animal Sciences Bikaner
RJ	AU, Kota	Agriculture University, Kota
RJ	SKRAU, Bikaner	Swami Keshwanand Rajasthan Agricultural University, Bikaner
RJ	SKNAU, Jobner	Sri Karan Narendra Agriculture University, Jobner
RJ	AU, Jodhpur	Agriculture University, Jodhpur
TG	PJTSAU, Hyderabad	Professor Jayashankar Telangana State Agricultural University, Hyderabad
TG	SKLTSHU, Hyderabad	Sri Konda Laxman Telangana State Horticultural University, Hyderabad
TG	PVNRTVU, Hyderabad	PV Narasimha Rao Telangana Veterinary University, Hyderabad
TN	TNAU, Coimbatore	Tamil Nadu Agricultural University, Coimbatore
TN	TANUVAS, Chennai	Tamil Nadu Veterinary and Animal Sciences University, Chennai

State	Abbreviation	Name of University
TN	TNDJJFU, Nagapattinam	Tamil Nadu Dr J Jayalalithaa Fisheries University, Nagapattinam
UK	GBPUAT, Pantnagar	Govind Ballabh Pant University of Agriculture and Technology, Pantnagar
UK	UUHF, Bharsar	Uttarakhand University of Horticulture and Forestry, Bharsar
UP	CSAUAT, Kanpur	Chandra Shekhar Azad University of Agriculture and Technology, Kanpur
UP	AMU, Aligarh	Aligarh Muslim University, Aligarh
UP	IVRI, Izatnagar	Indian Veterinary Research Institute, Izatnagar
UP	RBCAU, Jhansi	Rani Lakshmi Bai Central Agricultural University, Jhansi
UP	NDUAT, Faizabad	Narendra Dev University of Agriculture and Technology, Faizabad
UP	SHUATS, Allahabad	Sam Higginbottom University of Agriculture Technology and Sciences, Allahabad
UP	SVPUAT, Meerut	Sardar Vallabh Bhai Patel University of Agriculture and Technology, Meerut
UP	PDDUPCVV, Mathura	Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan, Mathura
UP	BUAT, Banda	Banda University of Agriculture and Technology, Banda
UP	BHU, Varanasi	Banaras Hindu University, Varanasi
WB	UBKV, Coochbehar	Uttar Banga Krishi Vishwavidyalya, Coochbehar
WB	VBU, Shantiniketan	Visva Bharati University, Shantiniketan
WB	BCKV, Mohanpur	Bidhan Chandra Krishi Viswavidyalaya, Mohanpur
WB	WBUAFS, Kolkata	West Bengal University of Animal and Fishery Sciences, Kolkata

भाकृअनुप
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