



# 13<sup>th</sup> Annual Report: 2016-17



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# Anand Agricultural University

## 13<sup>th</sup> Annual Report



2016-17







INDIAN COUNCIL OF AGRICULTURAL RESEARCH

## Ranking of Agricultural Universities 2016-17

This is to certify that

Anand Agricultural University, Anand

is ranked Number 20 amongst Agricultural Universities

  
(N.S. Rathore)  
Dy Director General (Edn)

16 July 2017, New Delhi

  
(Trilochan Mohapatra)  
Director General





# **Anand Agricultural University**

## **13<sup>th</sup> Annual Report 2016-17**

**01-04-2016 to 31-03-2017**

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# Our Symbol



## **This is our Emblem;**

One Square, One Leaf  
with "AAU" firmly embedded

The Square with lighter and darker shades of green  
Stands for Lusciousness, Fertility and Abundance of this land.  
This is our Mother Land  
With all the three elements abounding

Among the entire world, there is only one thing  
That Could photo synthesize solar rays  
into biomass i.e., the LEAF.  
Hence, the LEAF stands as our symbol  
Which could transform sun rays i.e. energy into matter

Thus leaf as a symbol of our commitment;  
Our Dream  
to make our Country  
abundant in agriculture

Leaf is our tribute to  
Our Mother Land  
Our pledge to make Country prosperous

## **Our Motto is :**

कृणवन्तो राष्ट्रं कृषिसंपन्नम्

Means

We, the Scientists, Students and  
all the employees of AAU unitedly  
stand to make the solemn pledge  
that we enrich and glorify  
the grandeur of our Country  
and make it agriculturally prosperous

### From VC's Desk



*I feel proud and privileged to present 13<sup>th</sup> Annual Report of Anand Agricultural University. I am very glad to assert that our university is prominently concerned with the prime endeavor of education. It is the education that empowers us to carve our very own path to convert many unwanted endings into benefitting beginnings.*

*Agricultural Education has played a crucial role in spreading awareness regarding new approaches in agriculture sector and opening up new horizons with professionally competent work-force. Since its inception in 2004, AAU has been contributing to all three mandated frontiers: Education, Research and Extension. In collaboration of academia, industry and rural people, AAU has not only paved a way to strengthen the agricultural scenario but also has created many milestones in novel developments in agriculture. AAU has been educating young minds with a broader perspective of proficient skill along with social sensibility and has been playing a key role in bringing together various stakeholders involved in agriculture sector.*

*Research has always been an activity of prime importance at AAU. Keeping in mind farmers' socio-economic condition, the university carries out farmer centric research activities. Various research projects funded by ICAR, Government of India, Government of Gujarat and other agencies are carried out, new technology packages are developed and new crop-varieties are generated at AAU. Three new improved high yielding varieties viz., Guinea grass –CO(GG)3, Gujarat Anand Forage Sorghum-12 (GAFS-12) and Gujarat Anand Kodra-3 (GAK-3) have been released during the year. In addition to this, 48 technologies for farmers and 67 technologies for scientific community and entrepreneurs have been recommended.*

*To name a few achievements in research, the scientists of AAU are participating in NASA and ISRO collaborated mission called as 'NISAR' for application of Microwave remote sensing in agriculture, Airborne Mission using NRSC-ISRO aircraft in collaboration with NASA laboratory in the field of Agriculture and Ecosystem. Centre for Advanced Research in Plant Tissue Culture has been recognized by ICAR as one of the finest centers for commercial scale micro propagation mainly in Date palm. Anubhav seeds and Bio-NPK consortium liquid bio-fertilizer are very successful products developed by AAU. Till date, AAU has signed 45 MOUs with different Indian and overseas organizations and institutions as a part of its collaborative effort to improve scientific and academic exchange programmes for the benefit of faculty, students and farmers. Residue analysis of 913 samples has been carried out and 3000 tissue culture raised Date palm saplings have been sold during the year.*

*The extension activities are important in ensuring adoption of the technological output of the university by the farmers. Various activities like training of farmers, field level demonstrations, certificate courses, publishing and distributing booklets and leaflets are regularly being carried out to reach the farming community and to help them out in their agricultural crisis. I feel immense pleasure to state that during the year, 15965 farmers, 5885 farm women, 649 rural youth and 3173 extension workers have been trained through 494 on-campus and 268 off-campus training programmes. 'Krishigoviddya'-the farm magazine published under Extension activities has 8346 subscribers till the date and it spreads agricultural awareness amongst farming community. Moreover, Sardar Smruti Kendra and Sardar Patel Agricultural Educational Museum of the university have always been places of inspiration and encouragement to the farmers by reviving the most memorable memoirs.*

*The National Institutional Ranking Framework Report- 2017 released by the Ministry of Human Resource Development, Government of India, ranked the educational institutes/ universities on the basis of different parameters. Anand Agricultural University has been ranked at 40<sup>th</sup> position under University category and 62<sup>nd</sup> position under Overall category as per the ranking. From Gujarat, under the category of overall ranking, only 3 institutions have been placed under top 100 positions at national level, viz., IIM, Ahmedabad; AAU, Anand and IIT, Gandhinagar. It is a matter of pride for the University.*

*I once again feel privileged to assert that Anand Agricultural University has witnessed enormous growth in the past few years, with the support from the Department of Agriculture, Farmers Welfare and Co-operation, Govt. of Gujarat. With the range of disciplines represented and the fine quality of the staff and students bringing laurels to the Institution, the University is now well poised to make its mark at national as well as global levels.*

*I heartily congratulate the entire AAU fraternity for their incessant efforts in bringing our University to this level. I am sure that this saga of success would continue for all time to come.*

Anand

Date : 23-08-2017

(N. C. Patel)

Vice Chancellor

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## Our Song

હો સંસ્કૃતિ કૃષિ વત્સલમ્, કલ્યાણ કીર્તિ મંગલમ્  
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્ કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્  
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

સરદાર ગાથા ગુર્જરી, ચાર અમુલ ચરોતરી,  
ક્ષીર સંસ્કૃતિ મહીસાગરી, આતિથ્ય આદર સે ભરી,  
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

ડાકોર શ્રીઠાકોર કા, કાચાવરોહણ કલિકા,  
વડતાલ ભાલ ગુલાલ, સૂન કરતાલ ધૂન નારાયણી,  
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

સંતરામ બોડાણા શ્રીમદ્, હરિ મારગી જોબન ભગત,  
દિલ કે દિયે જલતે કિયે, ગુંજી ગીરા રવિશંકરી,  
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

સરદાર રાસ અડાસમેં, બાપુ ચલે થે સાથ મેં,  
વિધાનગર આણંદ મેં, વિજ્ઞાન જ્ઞાન ગંગોતરી,  
કૃષ્ણવન્તો રાષ્ટ્રં કૃષિસંપન્નમ્

- ડૉ. બાલકૃષ્ણ જોષી