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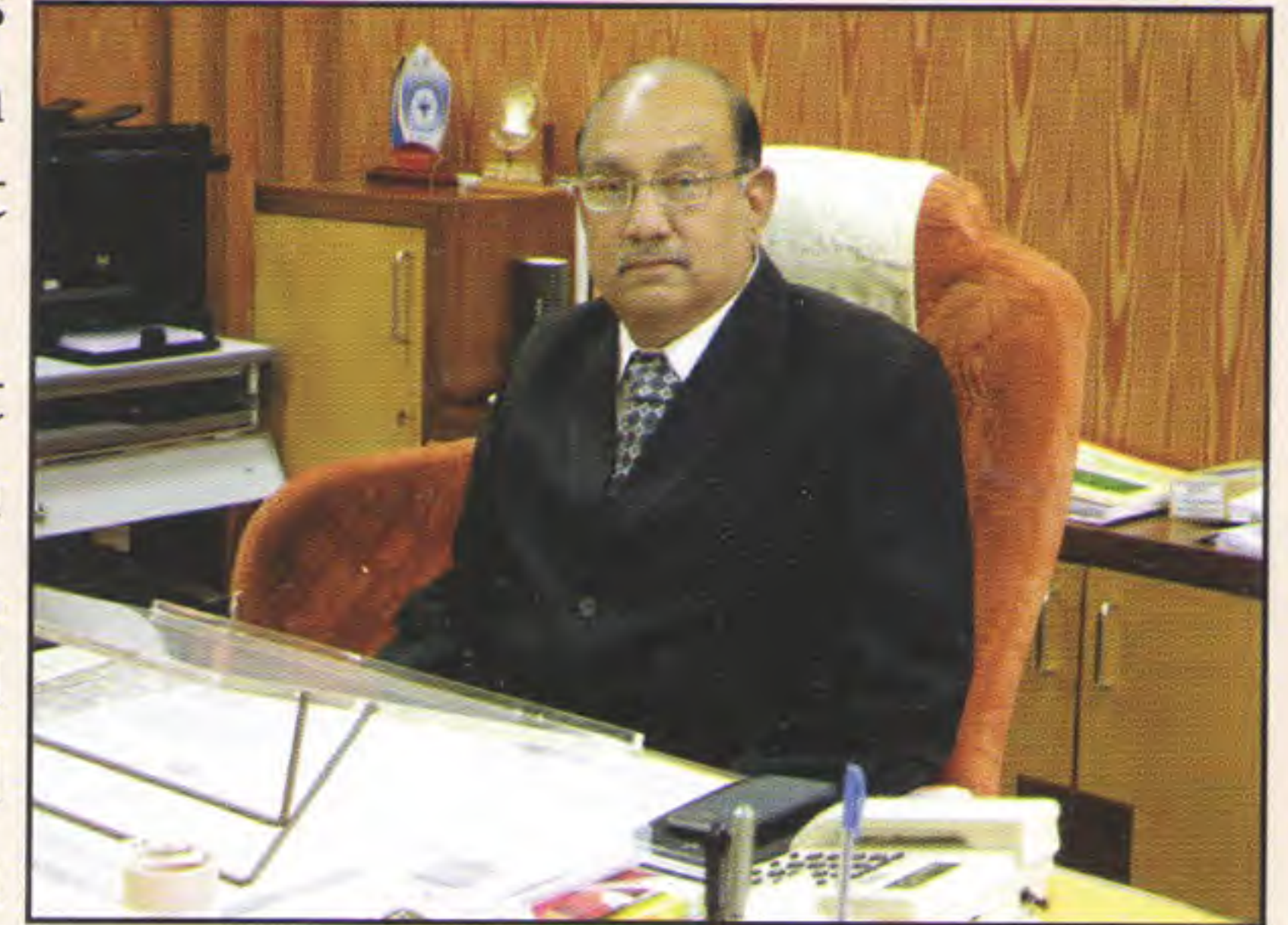
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**Hon'ble Vice Chancellor's Message**

Though India has achieved self-sufficiency in foodgrain production, the last couple of decades have seen the growth rate of food grain production (1.5 per cent) lag behind that of population (1.9 per cent). The Agricultural Mechanization can play a crucial role in improving productivity as well as cost reduction, the use of proper equipment can increase the productivity by up to 30 percent and reduce the cost by about 20 percent.

Farm mechanization in India stands at about 40%-45%, which is still low when compared to countries such as the U.S. (95%), Brazil (75%) and China (57%). While the level of mechanization lags behind other developed countries, it has seen strong growth through the last decade. The farm power availability on Indian farms has grown from 1.47 kW/ha in 2005-06 to 2.02 kW/ha in 2013-14. Indian agriculture is dominated by small and marginal farmers, thus to avail the benefits of farm mechanization to them suitable steps are required for setting up custom hiring centers and high tech machinery banks.



The Saurashtra Region of Gujarat is becoming a hub of agricultural machinery manufacturing. The Junagadh Agricultural University has contributed significantly in the growth of agricultural machinery in the region. To cater the need of small and marginal farmers, the University has developed and demonstrated many equipments some of them are agricultural waste shredder, plant thinning device, power weeder cum interculturing device, harvesting devices for onion, mango, lemon, seed metering mechanism, safety cab for tractor, rural transporter, tractor drawn farm yard manure applicator etc.

The "Testing and Training Center of Farm Machinery" of the University is one of the twenty five institutions approved by Government of India. The centre has made the efforts to establish standardization and popularization of standard equipments in the State to bring quality, interchangeability of parts and to reduce repairing and replacement cost. About 500 Farm Machineries/Implements has been tested by the centre.

Under the patron-ship of College of Agricultural Engineering & Technology, JAU, Gujarat Agricultural Machinery Manufacturing Association (GAMMA) is formed under the Agricultural Machinery Manufacturing Association (AMMA) representing small & medium size entrepreneurs of agricultural machinery and equipment manufacturer which is working for unanimous growth of farmer's facility and farm equipments producer of Gujarat.

**A. R. Pathak**

## SEMINAR



*A Seminar on  
"Adhunik Khetima Pak Sanrakshan : Samasya ane Samadhan"*

State level conference on "Adhunik kheti ma pak sanrakshan : Samasya ane samadhan" was organized by Junagadh Agricultural University in collaboration with Plant Protection Association of Gujarat on August 19, 2017. The conference was inaugurated by Shri, Chimanbhai Sapariya and Hon'ble Minister of Agriculture and Farmer Welfare, Energy, Government of Gujarat. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh. Shri Mahendrabhai Masharu, MLA, Junagadh, Adhyashaktiben Mazmudar, Mayor of Junagadh city, and Dr J. G. Patel, President of Plant Protection Association of Gujarat remained present on this occasion. The conference was attended by more than 550 scientists, extension workers, progressive farmers and students from all over Gujarat.

## LOKARPAN

### *Lokarpan of Siddhi Girls Hostel*



*Lokarpan of Siddhi Girls Hostel*

The lokarpan ceremony of newly constructed Siddhi Girls Hostel was done on August 19, 2017 by Shri Chimanbhai Sapariya, Hon'ble Minister of Agriculture & Energy, Government of Gujarat, Gandhinagar in the presence of Dr A. R. Pathak, Hon.ble Vice Chancellor, JAU, Junagadh and other university officers and faculty members. Dr. A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh has given information about the facilities of this hostel to Hon'ble Minister.

### *Lokarpan of Modern Computer Laboratory*

Modern Computer Laboratory was established at the Department of Agricultural Statistics, College of Agriculture, JAU, Junagadh at the overall cost of Rs. 66 lakh including the cost of renovation & extension of existing building, new desktop PCs, furniture and other equipment. Lokarpan ceremony of this Modern Computer Laboratory was done by Shri Chimanbhai Saparia, Hon'ble Minister of Agriculture & Energy, Government of Gujarat, Gandhinagar in the auspicious presence of Dr A. R. Pathak, Hon.ble Vice Chancellor, JAU, Junagadh and other university officers and faculty members. New computer laboratory having the consolidated facilities for UG computer laboratory with a capacity of 50 students, PG computer laboratory with a capacity of 20 students, digital class room with capacity of 42 students and a well equipped Hardware & Networking software. Junagadh Agricultural University has become a pioneer among the leading agricultural universities in India who have these types of consolidated facilities. Overall 225 UG students and 175 PG students will take the advantages of this laboratory for their skill development in the field of IT and computer application.



*Lokarpan of Modern Computer Laboratory*

## CELEBRATION

### **Mahila Krushi Divas**

As a part of women empowerment, *Mahila Krushi Divas* was celebrated by College of Veterinary Science & Animal Husbandry at Purushotam Lalji Gaushala Trust, Vadla on August 06, 2017 under the aegis of Gender Champion Club in association with Mahila Mandal, JAU, Junagadh and Junior Chamber International (JCI), Junagadh Mahila, Junagadh. Dr A. R. Pathak, Hon'ble Vice Chancellor JAU, Junagadh presided over the function. Eminent speakers from different walks of life shared ideas on Women Empowerment. Dr A. M. Parakhia, DEE, JAU, Junagadh, Dr P. H. Tank, Principal & Dean, Veterinary College, JAU, Junagadh, Jayshreeben Rangolia, President, JCI Mahila, Junagadh and office bearers of Mahila Mandal attended it. Vinubhai Mavjibhai Khandaria, President, Vallabh Gaushala and other motivated women farmers with inspiring speeches.



*Celebration of Mahila Krushi Divas*

### **Independence Day**

Seventy first Independence day was celebrated by DSW office in a befitting manner in the premises of Indoor Sports Stadium in the presence of University Officers, Staff, Students and invitees. Dr. A.R. Pathak, Hon'ble Vice Chancellor, Junagadh Agricultural University, Junagadh unfurled the National Flag followed by National anthem. Tricolor balloons were released into the sky. Dr. A. R. Pathak appealed to the august gathering to have the spirit of patriotism in daily life by doing hard work in respective field to make the nation strong. At this occasion, Safai Kamdaars of JAU were felicitated by shawl for their contribution in keeping the campus

clean and making a good contribution in Swachha Bharat Mission campaign of Government of India. A programme of patriotic songs was also arranged by students, staff and members of Junagadh Agricultural University Mahila Mandal.



*Celebration of 71st Independence Day*

## SPECIAL PROGRAMME

### **Winter School on "Genomic, Proteomic and Metabolomic Application in Crop Improvement"**

Human resource development is one of the mandatory activities of JAU, Junagadh. Knowledge assumes real significant when it is reflected in skills. Development of skill requires up to date laboratory setup and experienced working hands. The Department of Biotechnology, College of Agriculture, JAU, Junagadh conducted ICAR sponsored a winter school on "Genomic, Proteomic and Metabolomic Application in Crop Improvement" during September 4-24, 2017, where in participants came from ICAR Institutes, SAU's, and KVK's of 7 different states of India.

Participants were trained to advanced instruments like Next Generation Sequencer, Real-time PCR, LCMS, GSMS, LC-Q- ToF, GC-Q- ToF, 2D electrophoresis and many more.



*Winter School on "Genomic, Proteomic and Metabolomic Application in Crop Improvement"*

## **“New India Manthan-Sankalp Se Siddhi” Programme**

Krishi Vigyan Kendra, JAU, Amreli organized “New India Manthan-Sankalp Se Siddhi” national flagship programme on August 31, 2017 under the chairmanship of Hon'ble Shri Naranbhai Kachhadia, MP, Amreli. He gave information on different govt. a projects like Rashtriya Gokul Mission, Organic farming, Sardar Sarovar project, etc. Shri Vallabhbhai Vaghasiya, Hon'ble Agriculture Minister, Govt. of Gujarat graced the event. In his address to the farmers, he talked about salient points of Sankalp se sidhhi programme in enhancing farmers' income. Hon'ble Shri Bavkubhai Undhad, MLA (Lathi-Babara), also guided farmers. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh presided over the “Oath Taking” of the gathering where participants took the oath for the formation of "New India". More than 750 farmers and farm women and 50 faculties member participated.



*“New India Manthan-Sankalp Se Siddhi” at KVK, Amreli*

The similar programme was also organized by Krishi Vigyan Kendra, Rajkot, on August 30, 2017, which was attended by farmers and farm women. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh. Shri Govindbhai Patel, M.L.A. (Rajkot) and former Minister of State for Agriculture and Farmers Welfare, Govt. of Gujarat remained present as chief guest. Dr A. M. Parakhia, DEE, Bank Officers and Govt. Officers also graced the occasion.



*“New India Manthan-Sankalp Se Siddhi” at KVK, Targhadiya*

## **Acupressure, Vibration and Sujok Therapy Camp**

Acupressure, Vibration and Sujok Therapy Camp were organized in two-phase from July, 10-16, 2017 and July 18-24, 2017, as a part of the activity of NSS at University Health Centre by NSS coordinator Dr. P.V. Patel. This camp was organized in association with Dr Ram Manohar Lohiya Arogya Jeevan Sansthan, Hanumangarh, Rajasthan for the benefit of Students and Staff of Junagadh Agricultural University free of cost. Dr Om Prakash and Dr R. R. Pawar of Dr Ram Manohar Lohiya Arogya Jeevan Sansthan, provided treatments of this therapy, where in total 361 staff/students were benefitted.



*Acupressure, Vibration and Sujok Therapy Camp*

## **Awareness about Farm Mechanization**

A one-day *Kisan Shibir* on “Awareness about Farm Mechanization” was jointly organized by Department of Farm Machinery and Power College of Agricultural Engineering and Technology and Tirth Agro Technology Pvt. Ltd., Rajkot, at Junagadh Agricultural University, Junagadh on September 20, 2017 with an aim to create awareness and popularize the technologies and different tools, machineries &

equipments suitable to the region. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh advised the farmers to use the new technologies and machines. Dr N K Gontia, Principal & Dean, CAET, JAU, Junagadh emphasized on the need for adopting the best management practices on farm mechanization. About 950 farmers and students participated in the *Shibir*.



*Kisan Shibir on "Awareness about Farm Mechanization"*

### "Saraswati Sanman" Programme

"Saraswati Sanman" programme for the felicitation and appreciation to meritorious students of JAU Parivar, who secured higher marks in 10<sup>th</sup> & 12<sup>th</sup> Board Examination, and felicitation programme for retired teachers/scientists, best teacher award recipient and award winners teachers and scientists of JAU was organized by Junagadh Agricultural University Teachers' Association (JAUTA) under the Chairmanship of Dr A.R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh. The programme was Inaugurated by Smt Kailashben

Pathak, President, Mahila Mandal in the auspicious presence of the Chief Guest Shri Kiritbhai Patel, Dist, President, BJP; Junagadh; Shri Shashikant Bhimani, President, BJP, Junagadh City, Dr V.P. Chovatiya, Director of Research, Dr A.M. Parakhia, Director, Extension Education and Dr P.V. Patel, Director Students' Welfare. All the meritorious students of Krushi Parivar retired scientists, best teacher awardees and award winner teachers/scientists were felicitated. Also the mothers of the students were also felicitated for their dedication.



*Inauguration of "Saraswati Sanman" Programme*

## MEETING

### Farmers Scientist Interaction Meet

A one day "Farmers Scientist Interaction Meet" was organized by Cotton Research Station, JAU, Junagadh in collaboration with Reliance Foundation and AFPRO, Dhoraji in Village: Nani Parabadi, Ta; Dhoraji, Dist. Rajkot, on July 20, 2017, wherein more than 100 farmers participated and discussed technologies for control the Pink Bollworm in cotton and White Grub in groundnut. Dr L. K. Dhaduk, Research Scientist (Cotton) and other scientists gave guidance to farmers.



*Farmers Scientist Interaction*

## Release of New Brinjal Variety: JBL-08-8 Brinjal Long

The brinjal variety "Gujarat Junagadh Long Brinjal - 4 (JBL-08-8 Brinjal Long) developed by Vegetable Research Station, which was identified for release at National level in zone VI (Delhi, Haryana, Rajasthan & Gujarat) during the XXXV group meeting of AICRP (VC) held at ICAR-IIHR, Bengaluru during June, 24-27, 2017.



*New Brinjal Variety: JBL-08-8 Brinjal Long*

This variety had recorded a mean fruit yield of 396 q/ha which was 30.81 and 25.83 per cent higher over check varieties GOB-1 and GBL-1 respectively. The fruits of GJB-4 are medium in size with long shape and light purple colour with good shining.

## TRAINING PROGRAMMES

### Training Programme on "Advanced Agricultural Practices of Groundnut and Cotton along with Water Management"

Training programme on "Advanced Agricultural Practices of Groundnut and Cotton along with Water Management" was jointly organized by Centre of Excellence on Soil & Water Management, JAU, and Tata Steel Company at Hotel Krishna & Garden Restaurant, Vadal, Junagadh.

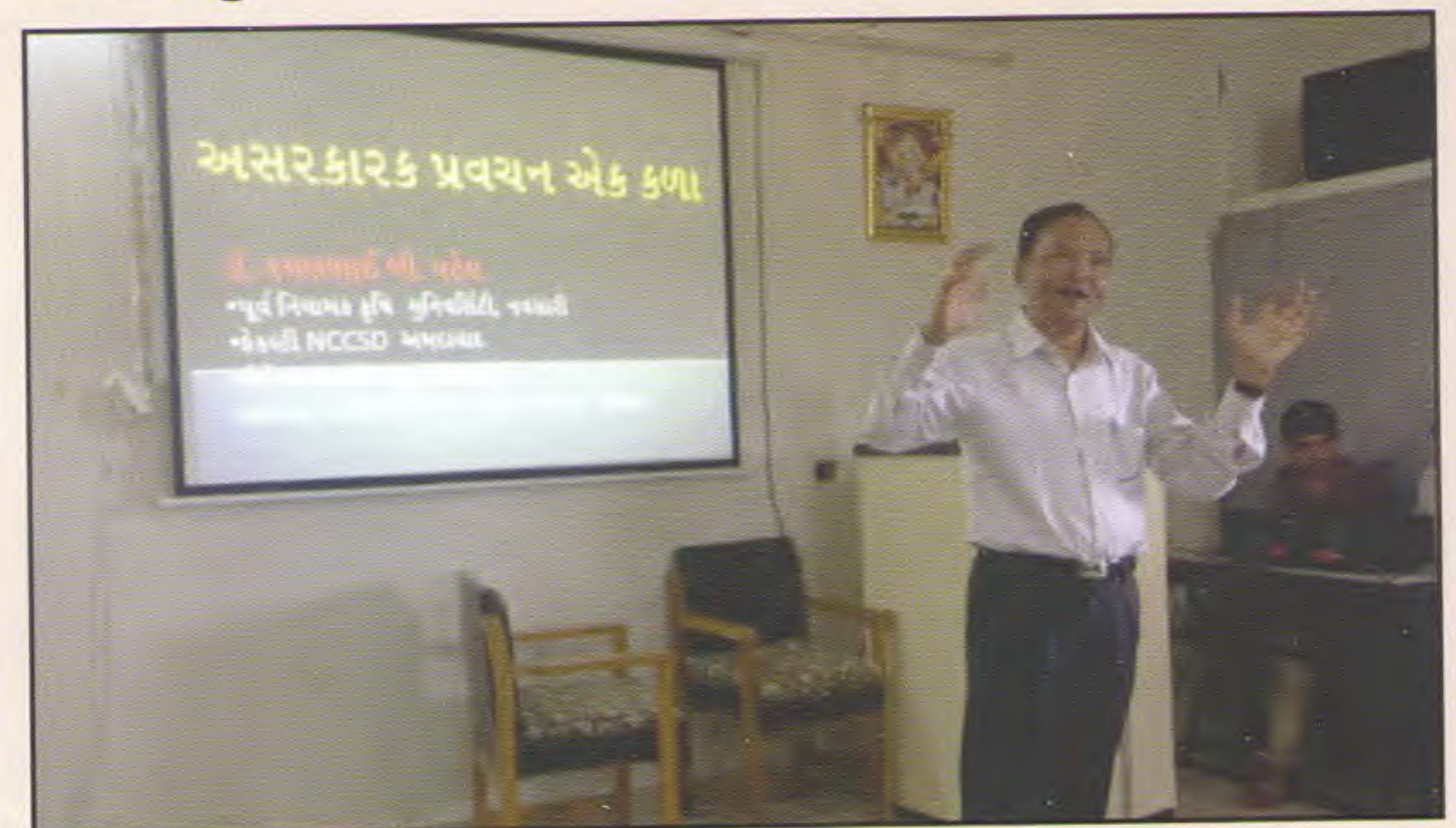


*Inauguration of Training Programme*

Dr A. M. Parakhia, Director of Extension Education, JAU, Junagadh inaugurated the training programme. He emphasised the farmers to adopt the latest technology for quality production of cotton and groundnut. Dr K. L. Dobaria, Research Scientist (Groundnut) and Dr L. K. Dhaduk, Research scientist (Cotton) gave guidance. Dr N. K. Gontia, Principal and Dean, CAET, JAU, Junagadh pointed out the importance of farm mechanization and to adopt drip and mulching technologies for efficient utilization of irrigation water.

### Leadership and Personality Development

A training programme on Leadership and Personality Development organized by JAU in collaboration with NCCSD, Ahmedabad during August 30-31, 2017 for the 76 students of Polytechnic in Agriculture, Dhari. Dr R.B. Patel, an official from NCCSD, Dr R.S. Patel, Shri M.P. Vaja and Dr M. V. Ramdev Putra, Principal, Polytechnic in Agriculture, Dhari were involved in this training programme. Various activities of personality development including effective communication etc. were demonstrated by the experts during the training.



*Training Programme on "Leadership and Personality Development"*

## SPECIAL LECTURES

### Expert Talk on "Gender Equality and Self-Development"

Prof. Anuja Gupta, Professor, Management Studies and Corporate Trainer, delivered the expert talk on "Gender Equality and Self-Development", which was organized under the aegis of Gender Champion Club by College of Veterinary Science & Animal Husbandry, JAU, Junagadh as part of Women

Empowerment Programme. More than 150 students and staff participated in the function. She motivated students with her inspiring lecture and awakened women to realize their inbuilt power. Dr A. M. Parakhia, DEE, JAU, Junagadh presided over the function. Dr P. H. Tank, Principal & Dean, Veterinary College also inspired participants.



*Expert Talk on "Gender Equality and Self-Development"*

## STUDENTS COUNSELING AND PLACEMENT

A campus interview was arranged on September 15, 2017 at JAU, Junagadh by Subhashri Bio Energies Pvt. Ltd., Tiruchengode, Dist. Namakkal, Tamil Nadu, where in 10 students from the College of Agriculture, Junagadh; Polytechnics in Horticulture, Junagadh; and Polytechnic in Agriculture, JAU Dhari, were shortlisted after campus interview.



*Students Counseling and Placement*

## SPORTS

### Inter-Collegiate Volleyball and Basketball tournaments

Inter - Collegiate Volleyball and Basketball tournaments were organized on September, 27 2017 by the CoVS & AH, JAU, Junagadh, in which 210 students participated. The inaugural function was chaired by Dr A. R. Pathak, Hon'ble Vice Chancellor and these tournaments were inaugurated by Dr S. P. Rathod,

Dean, Medical College, Junagadh in presence of Dr V. P. Choavatia, DR; Dr A. M. Parakhia, DEE; Dr P. V. Patel, DSW; and Dr J. S. Patel, I/c Principal, CoVS & AH. Team of College of Agriculture, Junagadh won the Championship of Volleyball in both Men & Women category, while Horticulture Wing, Junagadh secured 1<sup>st</sup> position in Basketball.



*Inauguration of Inter-Collegiate Volleyball and Basketball tournaments*

### Inter-Collegiate Cultural Competition



*Inter College Cultural Competition-2017*

The "Inter-Collegiate Cultural Competition-2017" of JAU, Junagadh was organized on September 20, 2017 at Campus Auditorium, JAU, Junagadh. The event was inaugurated by Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh. In this competition, various cultural items were performed by the participants. Total 7 colleges of JAU participated in

the competition. Among these events, Drama and Folk dance competitions were won by CAET. The students of CoVS and AH secured the first position in the mime, while the College of Fisheries won the first prize in the mono acting competition. Dr P. V. Patel, DSW; Dr N. K. Gontia, Principal, CAET; and Dr B. K. Sagarka, Principal, CoA, awarded trophies to winner students.

### **Inter-Collegiate Badminton and Table Tennis tournaments**

Inter-Collegiate Badminton and Table Tennis tournaments were organized on August 30, 2017 at Indoor Sports Complex, JAU, Junagadh, wherein 120 students participated. The inaugural function was chaired by Dr V. P. Chovatia, Director of Research & Dean PG Studies, JAU, Junagadh and these tournaments were inaugurated by Smt. Adhyashaktiben Majumder, Mayor, Junagadh. In Badminton(Men), the first position secured by CAET, while in Badminton (Women), Horticulture Wing was a winner. The College of Agriculture, Junagadh won the Championship in Table Tennis both in boys & girls with their outstanding performance.



*Inter-Collegiate Badminton and Table Tennis tournaments*

### **Inter-Collegiate Debate, Extempore and Essay writing competition**

Inter-Collegiate Debate, Extempore and Essay writing competition was organized on September 9, 2017 by the College of Agriculture, JAU, Mota Bhandariya, Amreli, wherein 70 students from 8 different colleges participated. The inaugural function was Chaired by Dr V.P. Chovatia, Director of Research & Dean PG studies and it was inaugurated by Dr P. V. Patel, Director, Students Welfare, JAU, Junagadh. In the debate (Favour), College of

Veterinary Science secured first and second position, while in debate (Against), College of Agriculture, Junagadh remained at 1<sup>st</sup> position and CAET at 2<sup>nd</sup> position. In Extempore, College of Agriculture, Amreli secured 1<sup>st</sup> position and College of Agriculture, Junagadh stood at 2<sup>nd</sup> position.



*Inauguration of Inter-Collegiate Debate, Extempore and Essay writing competition*

## **VISIT**

### **Dr Gautam Kallu, Ex. DDG (Horticulture), ICAR, New Delhi**



*Dr Gautam Kallu, visited "High Tech Museum on Seed Production Technology" JAU, Junagadh on August 18, 2017*

Dr Gautam Kallu, Ex. DDG (Horticulture), ICAR, New Delhi visited various Departments and Research Stations of JAU as Chairman of review team of ICAR. The team also visited "High Tech Museum on Seed Production Technology" on August 18, 2017. He appreciated the innovative way of expressing various facets of seed with animation and audio content.



## Manhar Udhas, Popular National Singer

Manhar Udhas, a popular national singer is famous for its contribution in Gazal and Bollywood (Hindi/ Gujarati) songs. He visited Junagadh Janvani 91.2 MHz, Community Radio Station, JAU, Junagadh on September 16, 2017 and appreciated station for its broadcasting of various educational and informative programmes. Dr AR Patahak, Hon'ble Vice Chancellor presented memento to Manhar Udhas.



Visit of Dr A. R. Pathak, Hon'ble Vice Chancellor to ARS (FC), Mahuva

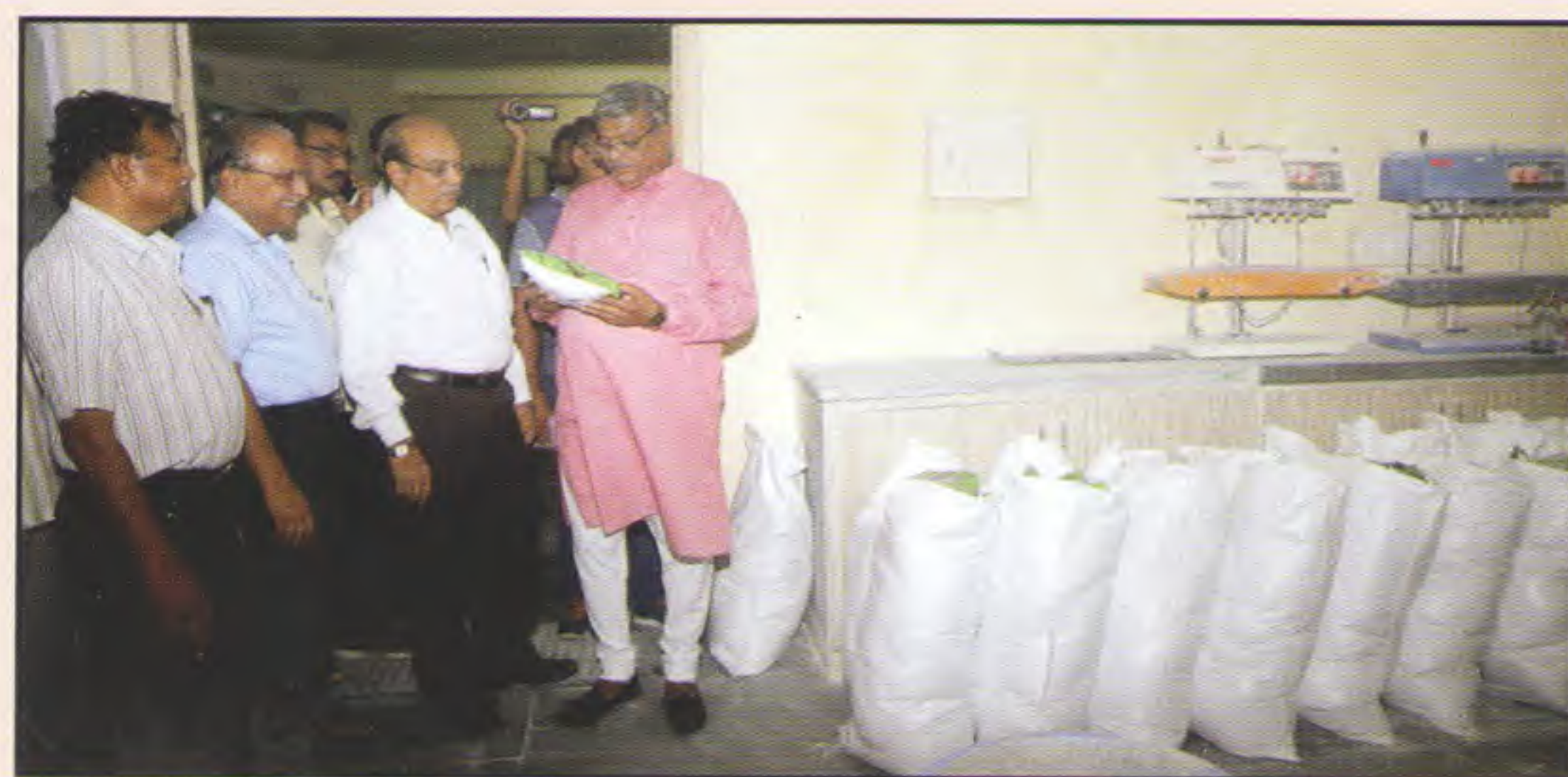
## PHOTO SPEAKS



A review team from ICAR headed by Dr Gautam Kallu, Ex. DDG (Horticulture), ICAR, interacting with university officers in the presence of Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh on August 18, 2017



Tree plantation programme at Sagdividi Farm of Department of Seed Science and Technology, College of Agriculture, JAU, Junagadh in presence of Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh on August 3, 2017



Shri Vallabhbai Vaghasiya, Hon'ble Minister (State), Agriculture and Urban Housing, Government of Gujarat, Gandhinagar visited the Beauveria Production Unit at Bio-control Laboratory on July 1, 2017



Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh distributing the certificates to the candidates on successful completion of course "Diploma in Agricultural Extension Service for Input dealers" on July 15, 2017



Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh addressing the candidates of course "Diploma in Agricultural Extension Service for Input dealers" on August 4, 2017



"World Lion Day" was celebrated by the College of Fisheries, Veraval on August 18, 2017



*Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh distributing the certificates of "Polytechnique Diploma" on August 29, 2017*



*A delegation of scientists from Africa visited seed processing plant of Department of Seed Science and Technology, JAU, Junagadh on September 30, 2017*

### GLIMPSES OF SSK ACTIVITIES

Total 14 on-campus training programmes were organized by the Sardar Smruti Kendra, JAU, Junagadh during July-September, 2017, wherein total of 596 farmers and farm women participated. In Exposure Visit under Atma Project, Mahesana, more than 100 farms women visited SSK, JAU, Junagadh. One Booklet "**Bekari Vangioni Banavat**" was published by Sardar Smruti Kendra, Directorate of Extension Education, JAU, Junagadh during September, 2017.



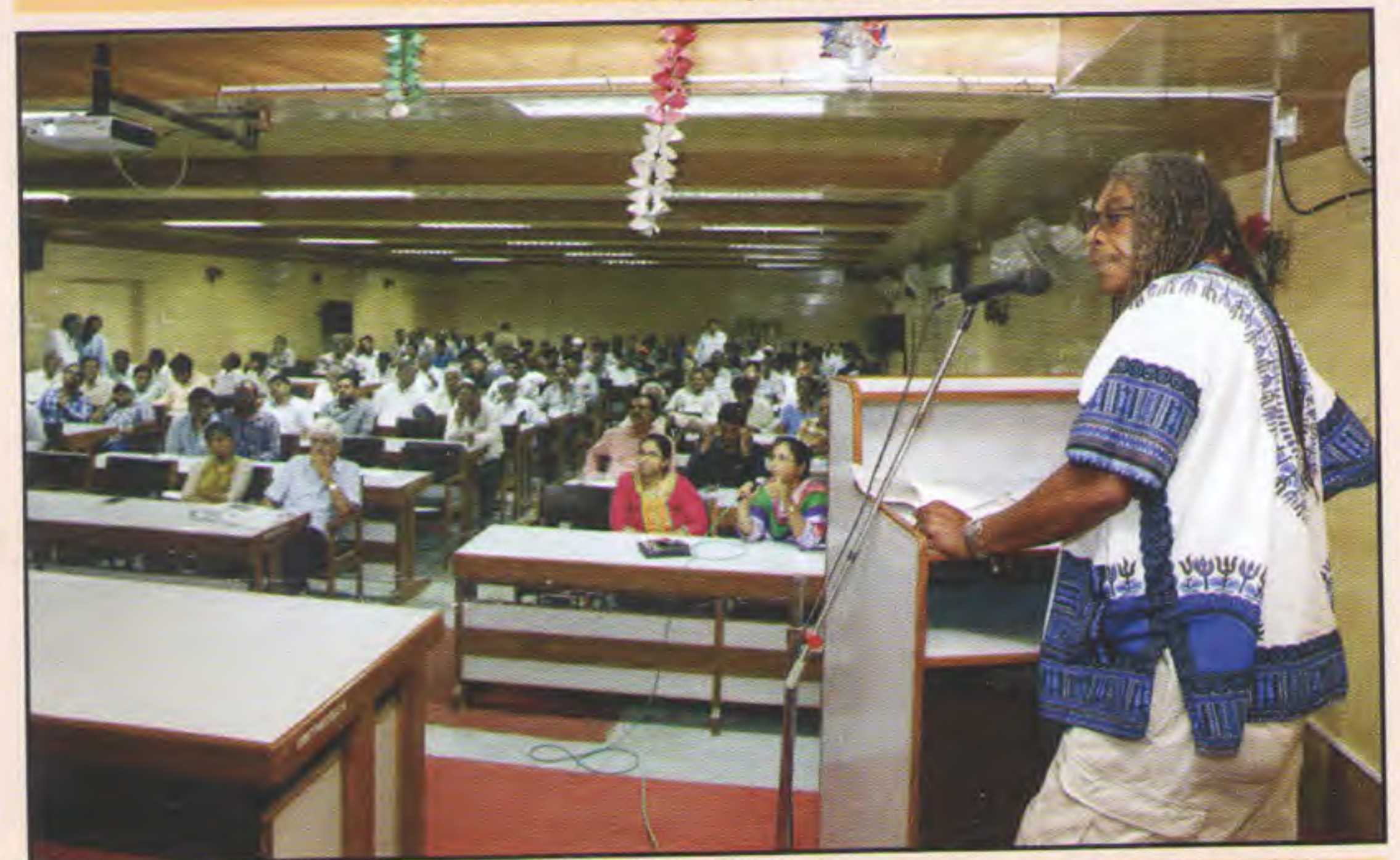
*Dr A. M. Parakhia, Director of Extension Education, JAU, Junagadh addressing the farmers of Keshod Taluka during training programme under "National Mission on Oilseed and Oilpalm Scheme" at SSK on July 17, 2017*



*Dr A. M. Parakhia, Director of Extension Education, JAU, Junagadh addressing the farm women of Mehsana District during their visit to SSK during Exposure Visit under ATMA Project on July 20, 2017*



*Inauguration ceremony of training programme on canning for the Officials of Department of Horticulture, Gujarat State, held at JAU Junagadh from August 28-September 1, 2017 at JAU, Junagadh in collaboration with Department of Horticulture, Gujarat State*



*A special lecture by FEMU scientists at JAU on July 17, 2017*

### GLIMPSES OF KVK ACTIVITIES

A total of 106 training programmes were organised by various KVKs (Amreli, Khapat, Jamnagar, Nana Kandhasar, Pipaliya and Targhdiya) during July-September, 2017, wherein 2951 farmers and 516 farm women and 143 extension personnel participated. KVKs made 65 diagnostic visits, 291 field visits and organised 17 Khedut Goshties. A total of 3584 farmers visited KVKs, whereas KVK scientists visited 175 farmers' fields.



*Celebration of "Krushi Technology Week" at KVK, Targhadia from September 18-22, 2017*



*Celebration of Technology week (September 18-22, 2017) at KVK, Amreli*



*New India Manthan-Sankalp Se Siddhi" programme at KVK, Amreli on August 31, 2017*



*"Mahila Krushi Divas" celebrated at KVK, Pipalia on August 6, 2017*



*Mahila Krushi Divas Celebration at KVK, Jamnagar*



*Exposer visit of farmers & farm women at Educational Museum at JAU, Junagadh*



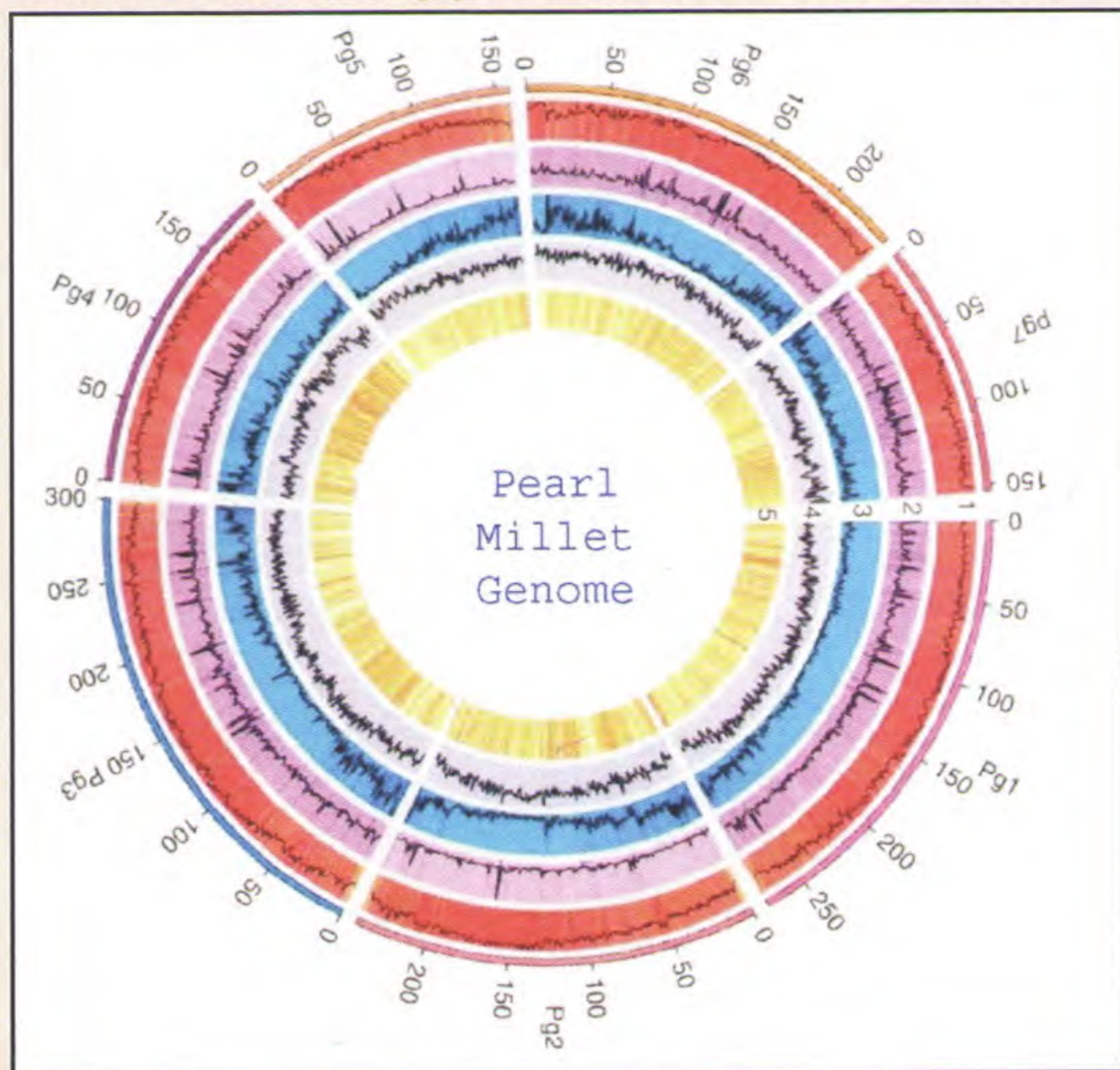
*Field visit of farmers during technology week at KVK, Nana Kandhasar on September 27, 2017*

## PRIDE

### **Unique accomplishment by Pearl Millet Research Station, JAU, Jamnagar**

The Pearl Millet Research Station, JAU, Jamnagar in collaborative research consortium with ICRISAT and other international level institute achieved loadable task by carried out research on pearl millet genome sequence and published research paper entitled "Pearl millet genome sequence provides a resource to improve agronomic traits in arid environments" online on 18 September 2017 in world's prestigious journal "Nature Biotechnology". Dr K D Mungra, Associate Research Scientist, JAU, Jamnagar is one of the co-authors from the Indian

National System among 65 national as well as international scientists from top-ranked 33 public as well as private sector institutes. In this article, authors are from India, USA, China, France, Germany, Austria, Senegal, Niger, Italy and UK. Due to this outstanding publication, JAU is brought on the world map in terms of contribution to pearl millet improvement. This research work will help scientists to develop pearl millet cultivars for arid



**Pearl millet genome sequence**

and semi-arid environments with high precision and efficiency. The information generated through this research would be useful for the temperature sensitive cereal crop like wheat. Since, pearl millet has the capacity to tolerate up to 42°C temperature, by utilizing the pearl millet gene through genetic manipulation to yield better. This unique accomplishment has been made in collaboration with ICRISAT, Patancheru, (A.P.) The Pearl Millet Research Station, JAU, Jamnagar in collaboration with ICRISAT succeeded in utilizing the genome sequence information and translates the advances into improved cultivars. The pearl millet breeders team of JAU, Jamnagar being a part of the marker-assisted breeding (MAB) in pearl millet to improve our state's top pearl millet A1 zone recommended hybrid GHB 538 with downy mildew resistant QTLs.

**First prize in "College Swachchhata Harifai"**

As a part of the celebration of three years of "Swachchha Bharat Mission", "College Swachchhata Harifai" was organized in Junagadh city during September 15 to October 2, 2017. In this competition Junagadh Agricultural University, Junagadh was

awarded the first 1<sup>st</sup> rank by Municipal Corporation, Junagadh. On behalf of JAU, Dr P. V. Patel, Director of Students Welfare received the award and certificate from Smt. Adhyashaktiben Majumder, Mayor, Municipal Corporation, Junagadh.



**First prize in "College Swachchhata Harifai"**

**Top Engineering College of Excellence in India**

College of Agricultural Engineering and Technology, JAU, Junagadh participated in the Competition Success Review "CSR" ranking during 2017 and it was ranked 6<sup>th</sup> as "Top Engineering College of Excellence in India". This achievement is committed to a true reflection of hard work and dedication of the staff of the college. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh congratulated Dr N. K. Gontia, Principal of the college for this outstanding achievement.

**LIST OF RETIREMENT/PASSES AWAY**

**Our Colleagues who retired....**

No.	Name, Designation and Month of Retirement
1.	Shri R .R. Rathod, Asstt. Prof. July 2017
2.	Dr D. V. Delvadia, Professor, August 2017
3.	Shri R. M. Bhalani, Agri. Officer, July 2017
4.	Shri R. L.Vasoya, Agri. Officer, July 2017
5.	Shri N. K. Tank, Agri. Officer, July 2017
6.	Shri R.G. Chapla, Agri. Officer, July 2017
7.	Shri P. B. Kachhadiya, Agri. Sup, 30/09/2017
8.	Shri R. M. Pandya, Senior Clerk, 30/09/2017
9.	Shri R. N. Shorathiya, Junior Clerk, 30/09/2017
10.	Shri A. B. Gardhariya, Tractor Driver, August 2017
11.	Shri M. R. Baria, KhetMajur, July 2017
12.	Smt. S. K. Baria, KhetMajur, August 2017
13.	Smt. V. J. Bhalia, KhetMajur, August 2017
14.	Smt. R. A. Rauma, KhetMajur, August 2017
15.	Smt. S. M. Mor, KhetMajur, August 2017

**Book Post**

To, \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**From :**  
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 J.A.U., Junagadh 362 001. (Gujarat)  
 Email : newsletter@jau.in