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Message

The demand for the food would increase significantly over next decades under pressure of expanded population, increased urbanization and growing middle income families. As per the FAO estimates, the situation is expected to exacerbate in near future as 60% more food will be needed for the growing world population. Food production has direct correlation with resource utilization. The complex dynamics of the coupled system of land, water, energy and food has a direct impact on food security and farmers' income. The interdependent complex system needs immediate focus especially in the developing countries like India that puts immense pressure on these resources, especially in view of climate change for doubling farmers' income.



Agriculture is a major sector of Indian economy, on which many other sectors are dependent directly or indirectly as agriculture is a source of raw material for a large number of industries. Accelerating the growth of agricultural production is therefore, necessary not only to meet the rising demand for food, but also to increase income of those dependent on agriculture.

Agricultural engineering has been immensely contributing in the field of farm mechanization, irrigation, drainage, flood and water control system, command area development, post harvest management, agro processing and value addition, managing agricultural structures, environment control and other spheres directly related to agricultural productivity and farmers' income. Different innovations in Agricultural Engineering have directly contributed to increased yields, improved land use and conservation of natural resources and improved use efficiency of inputs like seed, water, fertilizers, pesticides and fuel. The importance of Agricultural Engineering in the world and in the country has increased many folds in recent years. FORBES has rated Agricultural Engineering as one of the top 10 careers for 2022 along with other disciplines. The role of Agricultural Engineering has increased many folds with operation of National Mission on Agricultural Mechanization including number of programmes on Watershed development, Micro irrigation and Agricultural processing are in progress. More pressure on a straining agricultural system will lead to the rise of Agricultural Engineering – a profession focused on developing better and more sustainable ways to grow food to meet the needs of the world by raising productivity at reduced cost and avoid of human drudgery.

By 2022, doubling farmers' income and sustaining it, will be the major challenge particularly in the context of climate change. The pursuit of sustainable agriculture requires focus on increased crop yields, increased input use efficiency, reduced cost of cultivation; etc. and this in turn will require technological interventions in holistic manner.

(N. C. Patel)
Vice Chancellor

14TH CONVOCATION AT AAU, ANAND



Shri O.P. Kohli, Hon. Governorshri of Gujarat & Chancellor of AAU Shri R. C. Faldu, Hon. Minister of Agriculture; GoG and dignitaries releasing the book Vision 2050

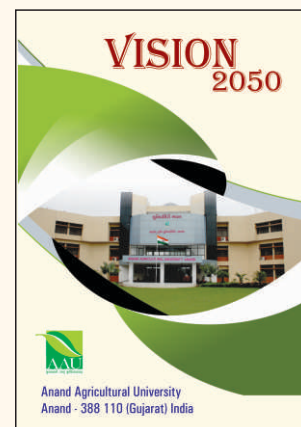
The 14th Annual Convocation of Anand Agricultural University, was held on 2 January 2018 at Sports Complex, AAU, Anand. The Governorshri of Gujarat and the Chancellor Shri O. P. Kohli presided over the Convocation ceremony. Prof. (Dr.) A. K. Srivastava, Chairman, Agricultural Scientists Recruitment Board, Indian Council of Agricultural Research, New Delhi was the Chief Guest and delivered the convocation address inspiring the young Graduates and Post-graduates. Shri R. C. Faldu, Hon'ble Minister of Agriculture, Rural Development, Fisheries, Animal Husbandry & Transport, Govt. of Gujarat was the Guest of Honour.

In this convocation, degrees were conferred to 644 students including 444 graduates and 200 post-graduates. 12 Gold Medals, 61 Gold Plated Silver Medals and 13 Cash Prizes in addition to 3 Chancellor's Gold Medals and 7 Vice Chancellor's Gold Medals for each faculty were awarded to the deserving degree recipients.

During the function, a book 'Vision 2050' was released by the Hon'ble Governorshri of Gujarat Shri O. P. Kohli. The book has been conceptualized and prepared with an aim to pursue



academic excellence and provide leadership at national and international levels, targeting quality education, research, capacity building, consultancy and innovative outreach to benefit the diverse Gujarati, Indian and global community in the field of Agriculture and allied sciences. The 14th Convocation function was webcasted Live on the University website by the Information Technology Centre of the University.



INAUGURATION OF NAKUL BOYS' HOSTEL AT VETERINARY COLLEGE, AAU, ANAND



Shri O.P. Kohli, Hon. Governorshri of Gujarat; Shri R. C. Faldu, Hon. Minister of Agriculture and dignitaries inaugurating NAKUL Boys' Hostel at AAU

Shri O. P. Kohli, Hon. Governorshri of Gujarat and Chancellor of Anand Agricultural University inaugurated newly constructed 'NAKUL' Boys' hostel at College of Veterinary Science and Animal Husbandry, AAU, Anand on 2 January 2018 in the august presence of Shri R. C. Faldu, Hon. Minister of Agriculture, Rural Development, Fisheries, Animal Husbandry and Transportation, Gujarat State; Dr. A. K. Shrivastava, Chairman of ASRB, New Delhi and Dr. N. C. Patel, Hon. Vice Chancellor, AAU.





Dr. N. C. Patel, Hon. VC, AAU welcoming
Shri Parsottam Rupala, Hon. Minister of State for Agriculture, Gol

52nd Annual Convention of Indian Society of Agricultural Engineers and National Symposium on 'Doubling Farmers' Income through Technological Interventions' was organized at Anand Agricultural University during 8-10 January 2018.

Shri Parsottam Rupalaji, Hon. Minister of State for Agriculture & Farmers Welfare and Panchayati Raj, Gol along with Dr. N. C. Patel, VC of AAU and Chairman of Organizing Committee of the Convention and IPP, ISAE, New Delhi inaugurated the event and the exhibition of agricultural machineries, technologies and products.

Dr. D. C. Joshi, Convener of the Convention & Dean, College of Food Processing Technology & Bioenergy, welcomed the Chief Guest, Shri Parsotam Rupalaji; Guests of Honour Dr. Stephen Searcy, President, ASABE, USA and other guests on the dias viz. Dr. R. C. Shrivastava, VC, RAU and Dr. K. P. Singh, VC, CCSHAU, Hisar.

Dr. N. C. Patel highlighted the work carried out by the society and the role of Agricultural Engineers in doubling the farmers' income.

The Chief Guest of the event Shri Rupalaji addressed the gathering and appreciated the efforts made by AAU and ISAE. He was happy to visit the Exhibition and especially the Incubation Centre at FPTBE College having full fledged working lines on Food Processing equipped with machineries and NABL accredited Food Quality Testing Laboratory.

The theme session on 'Doubling Farmers' Income through Technological Interventions' was chaired by Shri Sanjay



Inauguration of Indian Society of Agricultural Engineers Convention 2018 by Shri Parsottam Rupala, Hon. Minister of State for Agriculture, Gol & dignitaries at AAU, Anand

Prasad (IAS), Principal Secretary (Agri.), GoG, Gandhinagar along with Dr N C Patel, VC, AAU and Dr K P Singh, VC, CCS Hisar Agricultural University, Hisar as co-chairmen.

Lead speaker, Dr N C Patel, VC, AAU in his address elaborated the 'seven points agenda' for doubling the farmers' income. He also insisted on sensor based MIS and other farm operations. Mr. R S Sodhi, Managing Director, Gujarat Co-operative Milk Marketing Federation (GCMMF), Anand advocated that animal husbandry along with farming is the way to enhance the farmers' income. Padmashri Dr Brahma Singh, Former OSD, Rashtrapati Bhavan, New Delhi emphasized the role of horticulture in increasing the income of farmers. He also mentioned that automation in farm operations will attract the youths in agriculture. Shri Pranav Mehta, Founder Chairman, NFESI, New Delhi suggested that use of solar energy in agriculture will help the farmers not only to perform their farm operations but the extra energy produced may be supplied to grid for earning more money. Panelists, Ms Harriett Paul, FAMU, USA and Shri Sharadbhai Patel, ASPEE, Mumbai, also presented their views on this important topic.

Shri Sanjay Prasad, Principal Secretary (Agri.), GoG, in his concluding remarks, suggested to increase focus on agro forestry. He also informed that dairying with horticulture is becoming popular in Gujarat. Bee keeping, poultry and fisheries are the sectors, which need more attention. He affirmed that by integrated approach it is possible to double the farmers' income by 2022.



The second session was chaired by Prof M. M. Mehta, distinguished Agricultural Engineer, New Delhi and co-chaired by Dr Gajendra Singh, Former DDG, ICAR, New Delhi and Dr. R. C. Srivastava, VC, R P Central Agricultural University, Pusa, Bihar.

Lead speaker, Dr. V. N Kale, Additional Commissioner (Machinery), Mechanization & Technology Division, Gol, New Delhi gave an insight on Submission on Agricultural Mechanization (SMAM). He highlighted the status of present level of Agricultural Mechanization in the country and informed that the emphasis is to be given to future strategies aimed at increasing the farm power availability up to 2.8kw/ha by 2022. Dr. Sangeeta Ladha, Vice President, Jain Irrigation Systems Limited, Vadodara briefed about the integrated irrigation system with a slogan 'Har Khet Ko Paani'. Shri S. B. Patel, Executive Director, Kisan Drip Irrigation Pvt. Limited, Vadodara shared his vast experience in the field of farm mechanization and irrigation sector and emphasized that Agricultural Engineering graduates play a vital role in these two sectors. Panelist, Dr Mehboob Shiekh, FAMU, USA stressed the need of multiple approaches of integrating biological and non biological approaches to double the farmers income in five years. Chairman, Prof. M. M. Mehta, while sharing his own vast experience in industry, informed that there should be a linkage between Academics and Business keeping in mind that profit is the key word in successful business world and to achieve this, Agricultural Engineers play a key role. Co-chairman, Dr. R. C. Srivastava, informed that custom hiring business model is the need of the hour. Dr. Gajendra Singh, while summarizing the proceedings of the session, informed that academia and

industry need to be more dynamic with active involvement of student fraternity.

Technical Sessions of respective disciplines were also arranged and thorough discussions on the topics presented by participants was done and drafted as proceedings.

Very important recommendations were formulated based on the detailed deliberations on various issues for Doubling the Farmers' Income in the country. Also, the action points were formulated for short term, medium term and long term implementation.

The convention ended successfully in the presence of Shri Dileepbhai Sanghani, Chairman, GUJCOMASOL and Ex-Agriculture Minister of Gujarat. Shri Dileepbhai expressed his keen interest in the theme and congratulated AAU and ISAE for organizing the convention productively.

During the three days, the Dignitaries, Secretaries, Policy makers, Scientists, Business Personnel and Entrepreneurs, academicians and students from about 22 states of India across the country remained present. About 520 Indians and 25 foreigners participated in the Symposium and presented their findings and views related to the theme of convention.

NATIONAL SEMINAR ON EMERGING TECHNIQUES IN FOOD SAMPLE ANALYSIS



One day National Seminar on 'Emerging Techniques in Food Sample Analysis' was jointly organized by Food Quality Testing Laboratory, College of

Food Processing Technology & Bioenergy, Anand Agricultural University and Labindia Analytical Instruments Pvt. Ltd. on 31 January 2018 at College of FPT&BE, Anand. Key speakers of the seminar delivered lectures on different aspects of sample preparation viz, (1) Proficiency of laboratory and good laboratory practices delivered by Dr. Rajesh Nair, Director, CALF, NDDB; (2) Innovation in sample preparation delivered by Dr. Mike Collins, President / CEO, CEM Corporation, USA; (3) Application of Light Emitting Technology in Microwave Digestion by Mr. Axel Schooner, CEM Corporation, USA. More than 100 faculties, scientists and PG scholars participated from different institutions.

NATIONAL SEMINAR ON ROLE OF EXAMINATION SYSTEM IN INCREASING EFFECTIVENESS OF DAIRY SCIENCE EDUCATION AND CAREER MOVEMENT OF DAIRY PROFESSIONALS



Release of National Seminar Souvenir by Dr. N. C. Patel, Hon. VC, AAU & dignitaries

Dairy Business Management Department of SMC College of Dairy Science organized ICAR sponsored National Seminar on 'Role of Examination System in Increasing Effectiveness of Dairy Science Education and Career Movement of Dairy Professionals' on 26 March 2018. Learned speakers from diverse fields namely Dr. P. R. Patel, Executive Director, MIDFT, Dudhsagar Dairy, Mehsana; Prof. Hitesh V. Bhatt, Director, IRMA, Anand; Shri, S. S. Gokulkrishnan, Senior Manager, (Chennai Operations), AMUL Dairy addressed the audience during technical session. This seminar brought together eminent academicians, industry personnel and policy makers who threw light on important issues of role of examination system in increasing effectiveness of dairy science education and career movement of dairy professionals and resulted in productive deliberations that will make the Dairy Science education more effective. More than 200 delegates across the country, both from academia and dairy industries, participated in the seminar.

XX BIENNIAL GROUP MEETING OF AICRP ON NEMATODES IN AGRICULTURE



The XX Biennial group meeting of AICRP on nematodes in agriculture was organized jointly by AICRP (Nematodes), New Delhi and Anand Agricultural University, during 15-17

February 2018 at Anand.

The inaugural function was attended by Dr. P. P. Reddy, Former Director of Indian Horticulture Research Society,

Bengaluru and Dr. D. J. Patel, Former Dean, BACA, AAU, Anand. Dr. H. R. Patel, ADR, AAU delivered welcome address. The Project Co-ordinator, Dr. R. K. Walia made a presentation on AICRP- History, Background and Salient Achievements made during 2015-17. Dr. K. B. Kathiria, DR, AAU, Anand presided over the function. Dr. B. A. Patel, Prof. & Head, Dept. of Nematology, BACA, AAU, Anand proposed vote of thanks.

Total 70 scientific personnel working at 14 Cooperating centers and 9 Voluntary centers of AICRP (Nematodes) participated in the meeting.

NDP TRAINING ORGANIZED FOR QCOS OF SEMEN STATIONS

Dept. of Animal Reproduction Gynaecology & Obstetrics, Veterinary College, Anand in collaboration with NDDB, Anand organized a specialized national level training programme under NDP Phase 1 during 01-13 January 2018 at Central Sperm Station for 9 Quality Control Officers working in various Commercial Bovine Frozen Semen Production Stations of the country as per the MoU signed between AAU and NDDB. Dr. A. Kumaresan, Principal Scientist (ARGO) from NDRI, Bengaluru; Dr. N.N. Chaudhari, Dy. Manager, SAG, Bidaj and Mr. Sarabhai H. Patel, Retd Dy GM, SAG, Bidaj shared their exhaustive and valuable practical experience with the participants.



DISTINGUISHED VISITORS



Visit of Nepal Cooperative dairies delegation to AAU

- A delegation from Nepal Cooperative Dairies visited Anand Agricultural University on 22 March 2018. The 11

member team was led by Mr. Tek B Thapa, former FAO expert and alumnus of 1978 batch of SMC College of Dairy Science. The delegation was received by Dr. J. B. Prajapati, Dean, Faculty of Dairy Science. He gave a brief presentation about the activities of AAU with special emphasis on dairy science college. The delegation visited various departments of the college as well as Vidya Dairy and Anubhav Dairy. The delegation had meeting with Hon. VC, Dr N. C. Patel, where they were briefed about various activities of the University being carried out for the benefit of farmers and the students. The delegation was impressed by the facilities available at AAU and were very happy to see Sardar Patel Agricultural Educational museum. The team also had an interaction with the students of Dairy Science College.



- Senior officials of Industries Department, Government of Kerala lead by Mr. Sivanambattu, Associate faculty, Entrepreneurship Development Institute of

India (EDI), KILA Campus, Mulamkunnathukavu, Thrissur visited AAU-BPDU and Biofertilizer plant as well as Food Business Incubation Centre on 28 February 2018, for planning to establish 14 business incubators across Kerala state. They expressed a keen desire for understanding functioning of AAU Agri & Food business incubators. They also visited university museum. The team appreciated wonderful achievements of AAU BPDU for commercialization and was impressed by facility created in Experiential Learning Unit cum Incubation Centre of Food Processing and Bio-Energy College. They were also briefed about Startup and student support activities recently started. They expressed that Kerala Govt may ask for visit and support of AAU for its incubation centers in future.



- Dr. K. P. Singh, Hon. Vice Chancellor, CCSHAM, Hisar with Dr. M. K. Garg and Dr. R. K. Jhorar visited Sardar Patel Agricultural Educational Museum on 9 January 2018.

AAU, Anand; NCCSD, Gandhinagar; Florida Agricultural and Mechanical University (FAMU), USA and ATMA jointly

- Shri Dileepbhai Sanghani, Former Minister of Agriculture, Gujarat State visited Sardar Patel Agricultural Educational Museum on 10 January 2018.



- The Winners of the Indo-Israel Innovation Challenge Team visited Sardar Patel Agricultural Educational Museum on 18 January 2018.

- Dr. G. N. Patel, President, JP Labs, Middlesex, USA visited Sardar Patel Agricultural Educational Museum on 25 January 2018.



- Dr. S. A. Patil, Former Director of IARI, New Delhi and Former Vice Chancellor of UAS, Dharwad visited Sardar Patel Agricultural Educational Museum on 31 January 2018.



FARMERS TO FARMERS TRAINING PROGRAM ON TECHNOLOGY TRANSFER FOR HIGHER PRODUCTIVITY OF CROPS



Farmers to Farmers Training Programme at AAU, Anand

AAU, Anand; NCCSD, Gandhinagar; Florida Agricultural and Mechanical University (FAMU), USA and ATMA jointly

organized a training program on 'Farmers to Farmers (F2F) methods for Agriculture Extension Technology Transfer – Transferring Improved Practices from the Model Farm to Beneficiary Farm Sites' at Conference Hall of Educational Museum, AAU, Anand. The function was chaired by Dr. N. C. Patel, Hon. Vice Chancellor, AAU. Dr. Brian G. Messe, International Agronomy Research Consultant, Messe Agronomics LLC, USA; Dr. Arun Patel, Director of Extension Education, AAU; Dr. R. N. Pandey, Prof. & Head, Dept. of Plant Pathology and Co-ordinator of the program shared the dias. Dr. Girishbhai Patel, Sr. Scientist & Head, KVK, Devataj, Dr. Mahesh Patel, Asso. Ext. Educationist, EEI and Dr. J. B. Patel, Asso. Prof., Dept. of Ext. Edu. BACA, Anand acted as moderator/interpreter for translating Dr. Brian's lecture into Gujarati language.

Dr. Arun Patel, DEE welcomed the dignitaries on the dais, farmers and invited guests and gave a brief introduction about the training for the benefit of the farmers.

Dr. Messe expressed that India is a fast growing economy among the developing countries and there is a lot of possibilities for the growth of agriculture in India and this is only possible by applying latest agronomic techniques of crop production. He further informed that the On Farm Trials technique for crop production and application of basic agronomy principles will help to increase the quality produce with higher productivity and production.

Dr. N. C. Patel, Hon.VC, AAU emphasized that this is an important program and opportunity to interact with a knowledgeable expert and international consultant, who has travelled from USA to share his expertise for better crop productivity. He further expressed that the Hon. Prime Minister, Govt. of India has also emphasized for doubling the income of farmers, which is only possible through latest knowledge of farming, low input cost in agriculture and higher production with better monetary return. The farmers have to pay attention for efficient use of irrigation water, seeds of improved varieties coupled with insect pest resistance, eco-friendly management of pests, etc. Sustainable and climate smart agriculture is the ultimate goal. He advised the farmers to visit different departments and research farms of the university for knowing latest technologies available in agriculture and allied sectors. He also advised the farmers to use facilities of mobile, whatsapp, SMS, e-Kisan portal, internet etc. to interact with the scientists and to get the information of improved package of practices for higher productivity. Total 60 progressive farmers of central Gujarat

enrolled with ATMA Project attended the training program.

STATE LEVEL WORKSHOP ON HORTICULTURAL CROPS AT BACA, ANAND



Dr. N. C. Patel, Hon. VC, AAU addressing at state level workshop at AAU, Anand

A state level workshop on 'Bagayati pakoma samvardhan ane nursery vyavsthan' was organized at AAU, Anand with collaboration of Dept. of Horticulture, Govt. of Gujarat and Bagayat Vikas Parishad during 5-6 February 2018. Total 250 farmers from different villages of Gujarat, 70 students of AAU, 60 employees of Dept. of Horticulture, GoG and 70 employees of AAU participated in the workshop.

The programme was inaugurated by Dr. N.C. Patel, Hon. VC, AAU in presence of distinguished persons Ex. VC of GAU, Padmashree Dr M. H. Mehta; Director of Research, Dr. K.B. Kathiria; Joint Director, Dept. of Horticulture, GoG, Shri S. S. Ganvit and Dr. A. B. Patel; Dean, Faculty of Agriculture, Dr. K. P. Patel; Chairman, Bagayat Vikas Parishad, Dr. K. P. Kikani and Prof. & Head, Dept. of Horticulture, BACA, Dr. N. I. Shah. The plenary session was presided over by Shri Sanjay Prasad, Hon. Additional Chief Secretary, Dept. of Agriculture & Co-operation, Shri Sanjay Prasad (IAS); Director of Horticulture, GoG, Dr. P. M. Vaghasiya and DEE, Dr. Arun Patel.

CELEBRATION OF 15TH ANNIVERSARY OF KCC AT GANDHINAGAR



The Kisan Call Center facility has been started by the Gol since the year 2004 to provide the solutions to farmers' queries through telephone calls (Toll Free No: 1800 180 1551) so that

the farmers get easy access to the available extension

services and technologies. IFFCO KISAN is managing KCC services since 1 May 2012. This Kisan Call Center completed 15 years on 21 January 2018. The 15th anniversary of Kisan Call Center was celebrated at GEER foundation hall, Indroda park, Gandhinagar on 25 January 2018.

On this occasion, Shri Sanjay Prasad, IAS, Additional Chief Secretary, Dept. of Agriculture & Co-operation; Shri B. M. Modi, Director of Agriculture, GoG; Dr. P. M. vaghasiya, Director of Horticulture, GoG & Director, SAMETI; Dr. Arun Patel, DEE, AAU & Nodal Officer of KCC; Mr. Hitesh Patel, Co-ordinator KCC; ATMA & KCC; staff and progressive farmers were present.

Shri Sanjay Prasad expressed that Kisan Call Center is a knowledge bridge between Agricultural research scientists and farmers. He also emphasized that the farmers should use this facility more and increase their farm produce.



SAC MEETING AT KVK, ANAND



The 27th Scientific Advisory Committee meeting of KVK, AAU, Devataj was held on 16 January 2018. Hon. VC Dr. N.C. Patel presided over the meeting. Dr. Arun Patel, DEE, AAU; Dr. K.B. Kathiria,

DR, AAU; Dr. C.N. Patel, DAO; Dr. P.R. Bhatnagar, Head, RRC of ICAR-CSWTRI, Vasad; Dr. Nitin Shah, Prof. & Head, Dept. of Horticulture, BACA, Anand; Dr. P.R. Pandya, Research Scientist & Head, ANRS, AAU, Anand; Mr. P.B. Parmar, Project Director, ATMA, Anand; Mr. R.M. Macwan, representative of DDH, Anand and Dr. H.R. Patel, ADR, AAU were present. Mr. Vikrambhai Patel, Agri- Entrepreneur and Progressive Dairy Farm Woman Mrs. Meenaben Patel were also present in this meeting. All the members visited KVK farm and demonstration units. Hon'ble VC, Dr. N.C. Patel inaugurated KVK's newly developed museum in presence of all the members.

SAC MEETING AT KVK, DAHOD

The 30th Scientific Advisory Committee meeting of KVK, AAU, Dahod was held on 24 January 2018, which was presided by Dr. N. C. Patel, Hon. VC, AAU, Anand. Dr. Arun Patel, DEE,



AAU; Dr. K.B. Khathiria, DR, AAU; Shri M. P. Bagda, DAO, Dahod; Shri N. V. Rathava, Project Director, ATMA, Dahod; Dr. K. L. Gosai, Dy. Director (A.H.), Dahod; Dr. M. B. Patel, Research Scientist (Maize), Main Maize Research Station, AAU, Godhra; Dr. A. K. Singh, Representative, Principal Scientist & Head, ICAR-CAES, Vejalpur, Godhra; Shri. R. M. Pande, Representative, District Horticulture Officer, Dahod, Shri Raising Mavsingbhai, Progressive Farmer of Dist. Dahod, were present. Dr. B. K. Yaduvanshi, I/C Principal, Polytechnic in Agricultural Engineering, Dahod and Dr. Y. B. Chauhan, I/C, HMS, AAU, Dahod were also present as invitee members.

Dr. U. M. Patel, Sr. Scientist & Head, KVK, Dahod welcomed all the members. He presented the agenda and Action taken report of 29th SAC meeting. He also presented extension activities as well as Annual Action Plan of the KVK for the year 2018-19 and discussed with the members and scientists.

ZREAC MEETING AT AAU, ANAND



ZREAC Meeting under the chairmanship of Dr. N. C. Patel, Hon. VC, AAU at Anand

The office of Director of Extension Education organized 26th *Kharif* pre-seasonal Zonal Agricultural Research-cum-Extension Advisory Committee (ZREAC) meeting on 14

February 2018 at Yagyavalkya Hall, AAU, Anand. The meeting was organized under the chairmanship of Dr. N. C. Patel, Hon. VC, AAU. The officers working in the agriculture, horticulture, animal husbandry and fisheries departments in all nine districts which fall under the jurisdiction of AAU were present in this meeting. Scientists and University Officers as well as KVK Scientists also participated in the meeting. The Hon. VC, Dr. N. C. Patel, in his opening remarks, highlighted the importance of prevention of soil erosion, composting farm wastes, drip irrigation and farm mechanization in doubling the income of farmers. During the meeting, discussions on various feedbacks and problems faced by the farmers were held.

CERTIFICATE COURSE IN FOOD PROCESSING TECHNOLOGY STARTED BY FPTBE AT ANAND



A 3-months Certificate Course in Food Processing Technology has been started at College of Food Processing Technology & Bio Energy from 1 February 2018. The main aim of this

course is to bring awareness and knowledge about various aspects of food processing among unemployed rural youths and women. During the course, efforts were made to give hands on experience in food processing to the participants, so that they can start their own business or do some supervisory job in some food processing area after completion of the course.

OFF CAMPUS TRAINING PROGRAMME ORGANIZED BY EEI, ANAND



Hon. Vice Chancellor, MPKV, Rahuri, Dr. K. P. Viswanatha addressed the participants and attended one Session during off campus training programme on 29 January 2018 at

Collage of Agriculture, Pune, Maharashtra.

TRAINING PROGRAMME UNDER PDDUUKSY BY KVKs, DAHOD

A training programme of five day duration on 'Organic Farming' under 'Pandit Deendayal Upadhyay Unnat Krishi Shiksha Scheme' was



organized by KVK, AAU, Dahod from 24 - 28 March 2018. Scientists of KVK delivered lectures to create awareness among the participants about organic farming. Total 30 farm women from villages Nagrala and Bavka attended the programme. Two days training -cum-exposure visit was organized on 26-27 March 2018 at Agronomy, Dept., BACA, AAU, Anand.

TRAINING PROGRAMME ON IWM



Training programmes on 'Integrated Weed Management in Modern Agriculture' under plan scheme were organized by AICRP-Weed Management for the farmers of Gujarat

during 26-28 February and 15-17 March 2018 at Aniket farmers' hostel, AAU, Anand. Dr. B. D. Patel, Agronomist; Shri D. D. Chaudhari, Jr. Agronomist; Dr. H. K. Patel, Jr. Microbiologist and Dr. Aakash Mishra, Jr. Residue Chemist, AICRP-WM, AAU, Anand highlighted various methods to manage weeds in important crops and non-crop area, effect of herbicides on soil, plant and microflora. Spraying techniques of herbicides were also demonstrated. Total 74 farmers participated in two training programmes.

TRAINING PROGRAMME ON AROMATIC AND SPICE CROPS



Training programme on Aromatic and Spice Crops Production was organized at Farm Technology Training Centre - Nenpur Ta. Mehmdavad, Dist. Kheda under the Mission for

Integrated Development of Horticulture (MIDH) scheme on 19 January 2018. Lectures on Cropping Practices of Important Spice Crops, Importance of Aromatic Plants and Its Scope, Importance of Spice Crops and their Future Market, Plant Protection Measures for Aromatic and Spices Crops and Cropping Practices of Important Aromatic Plants were given by concerned scientists. Total 75 farmers of different villages of Kheda and Mahemdavad talukas participated in the programme.

FARMERS' TRAINING PROGRAMME AT CAET, GODHRA

Dept. of Soil and Water Conservation Engg., College of Agricultural Engineering & Technology, Godhra in Collaboration with Netafim Irrigation India Pvt. Ltd.



organized one day farmers training and demonstration programme entitled '*Tapak Sinchay Paddhathi Pani no Karyaksham Upyog*' under plan scheme 'Advanced

centre for research and trainers Training on agricultural engineering based interventions' on 8 March 2018. A booklet entitled '*Jamin ane Jal Vyavasthapan*' useful to farmers was also published and distributed to participants.

SPECIAL TRAINING ON PPV & FRA AT KVK, DAHOD



A one day training programme for creating awareness among the farmers about Protection of Plant Varieties and Farmers' Rights Act was organized by KVK, AAU, Dahod on 28

March 2018. Scientists of KVK, Dahod delivered lectures on different aspect of PPV & FRA. Total 71 farmers belonging to 4 different villages viz. Bhaman, Nani Sanjeli, Vijagad, Nagarala and Bawka, participated with great enthusiasm.

TRAINING PROGRAMME ON NATIONAL FOOD SECURITY MISSION AT KVK, DAHOD



A one day training programme under the 'National Food Security Mission' was organized by Dept. of Agriculture, Dahod in collaboration with and at KVK, Dahod on 20 March 2018.

Through the programme, scientists created awareness among the farmers about the various steps which need to be taken in order to obtain high production of pulses. Total 34 farmers participated from Kupda and Moti Nadukan village.

ANIMAL HEALTH CAMP



The Veterinary College, AAU, Anand in collaboration with Shroffs Foundation Trust, Vadodara organized 'Animal Health cum Surgical Camps' simultaneously at two Villages viz.,

Khadakwada and Diyavant, Ta/Dist. Chhotaudepur on 25 January 2018. More than 305 dairy animals were treated in two camps. Dr. A. J. Dhami, Dr. J. A. Patel, Dr. D. M. Patel, Dr. G. C. Mandali, Dr. J. K. Mahla, Dr. R. J. Modi and seven post-graduate students from Veterinary College took part in the camps. The officers namely Mr. Vikas Vaze, CEO, Mr. M. A. Makwana, Sr. Programme Officer, Mr. Mahendra Patel, Head Development of Shroff Foundation Trust and a large team coordinated the event.

KISAN GOSHTI



Kisan Goshti was jointly organized by ATMA Project, Thasra and Kapila Gau Sanshodhan Kendra, on 08 January 2018 at Minawada, Dist. Kheda, Dr. V. P. Belsare, Research Scientist

& Head, Kapila Gau Sanshodhan Kendra, Minawada, discussed the role of women in livestock farming. Dr. C. P. Parmar, Asst. Res. Sci., provided information about the importance of keeping the record of farm animals for efficient management of farms. At the end of the Kisan Goshti, Dr. R. F. Solanki, the Project Director, expressed his gratitude to the farmers by explaining the importance of the information given on Management of Dairy Animals.

PASHUPALAK GOSHTI



The Veterinary College, AAU, Anand in collaboration with Shroffs Foundation Trust, Vadodara under the Kamdhenu Project organized a '*Pashupalak Goshti*' at Village

Khadakwada, Ta/Dist. Chhotaudepur on 24 January 2018. Dr. A. J. Dhami, Dr. J. A. Patel, Dr. D. M. Patel, Dr. G. C. Mandali, Dr. J. K. Mahla and Dr. R. J. Modi from Veterinary College delivered subject specific significant and farmer friendly tips on animal breeding, feeding, housing, health care, heifer raising; etc including measures to control contagious diseases and infertility in their animals. The Shibir was very successfully organized and coordinated in the tribal belt by the officers of Shroffs Foundation Trust, namely, Mr. Vikas Vaze CEO; Mr. M. A. Makwana, Sr. Programme Officer; Mr. Mahendra Patel, Head Development; Mr. Ranjeet, LI and others. Farmers were also invited to bring large number of

their animals in 'Animal Health cum Fertility Camps' organized by the same team at the same place. A very good interaction with farmers and faculty was held during the Shibir that motivated the poor folk of the region towards sound animal husbandry practices. About 115 dairy farmers participated in the *Shibir*.

CELEBRATION OF KVK FOUNDATION DAY



KVK, AAU, Dahod celebrated its 36th Foundation Day on 1 January 2018. Dr. U.M. Patel, Scientist & Head, KVK, Dahod welcomed all the farmers and delivered a lecture on importance of the KVK for sustainable agricultural production of the farming community. Total 58 farmers and farm women participated.

CELEBRATION OF WORLD WETLANDS DAY



KVK Devataj with collaboration of Forest Department, Sojitra, Dist. Anand celebrated 'World Wetlands Day' on 2 February 2018 to mark the date of the adoption of the Convention on Wetlands on 2 February 1971, in the Iranian city of Ramsar on the shores of the Caspian Sea. Prof. Kalpesh Anjaria, R. K. Parikh Arts & science College, Petlad, Mr. Axit Suthar, Ecologist, Gujarat Ecological Society, Vadodara and Mr. M. M. Rajyaguru, Asst. Forest Officer, Anand were present as guests. About 115 farmers and farm women of nearby villages attended the programme.

CELEBRATION OF INTERNATIONAL WOMEN'S DAY

Anand Agricultural University celebrated International Women's Day on 8 March 2018. The program was organized in presence of Dr. S.H. Akbari, Director, Students' Welfare and Dr. Sunita Pinto, Chirperson, Gender Cell, AAU. Dr. Ankita Killedar, Ex Chairperson, Gender Cell, AAU shared



her experiences during her tenure. Dr. Chetna Vyas, Gynecologist delivered a lecture on women health and hygiene. Mrs. Sheetal Joshi, an advocate gave insights on women laws followed by interaction with women and girl students participants. About, 500 Girl students attended the programme Competitions such as elocution, essay writing, slow cycling and flower decoration were also organized for girl students.

TRAINING PROGRAMME BY SSK, ANAND



- Four days training programme was organized at Sardar Smruti Kendra, DoEE, AAU, Anand for farmer group of CARD Project, New Delhi during 14-17 February 2018.

CELEBRATION OF INTERNATIONAL MOTHER LANGUAGE DAY



International Mother Language Day was celebrated at College of Agriculture, Vaso Dist. Kheda on 21 February 2018. Dr.Guvant Vyas, Asso. Prof. of Anand Arts College delivered an expert lecture on the Importance of mother language in our life. On this day, a Debate Competition was also organized.

ANNUAL DAY CELEBRATION AT DAIRY SCIENCE COLLEGE



Students' Representative Council of SMC College of Dairy Science, AAU, Anand organized Annual Day on 23 March 2018. Shri Ravi Shankar, CEO, Amul Dairy, Anand was the Chief Guest of the function and Dr. N.C. Patel, Hon. VC, AAU presided over the function. The students who excelled in



various extra-curricular (literary, cultural and sports) activities were awarded for their outstanding performances. Dr. J. R. Patel Charitable Trust Awards were bestowed on students for their brilliant academic accomplishments.

MRUDUGANDHA – INTRA COLLEGE COMPETITIONS



The Students of FPT & BE college celebrated *Mrudugandha* – The Smell of Soil, the intra college competitions on 24-25 March, 2018. The programme was coordinated by the student core committee. Total ten different events were organized and 125 students from B.Tech and M.Tech participated under the guidance of Mr. Govind P.Tagalpallewar, Chairman, SRC.

MARTYR DAY CELEBRATION AT VETERINARY COLLEGE, ANAND

A quiz contest was organised on the eve of 23 March 2018 - Martyr day celebration at the Kapila Seminar Hall, Veterinary College, AAU, Anand. Total of five teams were nominated. After cut throat competition, fifth year students team was selected as first followed by third year students team as second. Both the teams were awarded with the gift set of martyr's books. The Principal and Dean, Dr. A. M. Thaker narrated about the importance of martyr day as well as duties of Veterinary doctor in relation to present social scenario. On this occasion, Chairman, SRC and Head of VPH department, Dr. J. B. Nayak explained about importance of our culture in relation to augmenting the ethical values of students' life.



LEADERSHIP AND ENTREPRENEURSHIP DEVELOPMENT TRAINING PROGRAMME

Leadership & Entrepreneurship Development Training Programme was organized by Anand Agricultural University, Anand. National Council for Climate Change Sustainable Development and Public Leadership (NCCSD), Ahmedabad

gave training to the students of College of Horticulture during 15-16 February 2018.



PERSONALITY DEVELOPMENT PROGRAMME



Two days Personality Development Programme entitled 'Enhancing Employability Quotient of Food Technology Graduates' was organized by College of Food Processing Technology & Bio Energy, AAU during 12-13 March 2018. The programme was inaugurated by Dr. D. C. Joshi, Dean & Principal, College of FPTBE. Two days Personality Development Programme – 'Sprinter' was started with introduction of the programme by the facilitator Mr. Mayank Sharma. The programme was attended by the students of third year B. Tech (FPT).

RAINING ON THINGSPEAK IN IOT AND APP DESIGNING WITH MATLAB AT CAET, GODHRA



One day training program on 'Thingspeak in IoT and App Designing with MATLAB' was organized on 15 March 2018 by Dept. of Basic Engineering and Applied Sciences, College of Agricultural Engineering and Technology, Godhra. The training was intended for the students of Agri. Engineering to explore the impact of MATLAB in the industry and Academics. This training provided students with a personalized experience that is rich with technical knowledge.

PLACEMENT AT DAIRY SCIENCE COLLEGE FOR THE YEAR 2018



The current year placement was highly successful. A total of 12 companies turned up for the campus interviews. Out of 64 UG students, 57 students were employed, while 7 opted for higher studies, where as out of 13 PG students, 12 students were selected. The annual package for UG students ranged from ` 4 to 7 lakhs, while for PG students varied from ` 6 to 9 lakhs.

EXPERT LECTURES



The Industry Institute Interaction Cell of the College of Agricultural Engineering and Technology, Godhra, Dist. Panchmahal organized an expert lecture and interactive session with

Dr. Gajendra Singh, Emeritus Professor, Asian Institute of Technology, Thailand and Chairman, Science Committee of the Consortium, Appropriate Scale Mechanization Consortium for Sustainable Intensification, New Delhi on 27 January 2018.

CELEBRATION OF 69TH REPUBLIC DAY



Dr. N. C. Patel, Hon. VC, AAU addressing the gathering on the Republic Day

Anand Agricultural University celebrated 69th Republic Day on 26 January 2018. All University Officers, staff, students of different faculties and family members remained present to grace this yearly celebration.

Dr. N. C. Patel, Hon. VC, AAU hoisted the flag and saluted by all. National Anthem 'Jan Gan Man' and National Flag Anthem 'Zanda Uncha Rahe Hamara' were sung by all.



22ND NATIONAL YOUTH FESTIVAL 2018



Four NSS Volunteers of different Colleges of Anand Agricultural University participated in 22nd National Youth Festival 2018 organized at Gautam Buddha University, Greater Noida, Uttar Pradesh during 12-16 January 2018.

AGRIUNISPORTS 2017-18

17th All India Inter Agricultural Universities Games and Sports Meet 2017-18 was organized by University of Agricultural Sciences, GKVK, Bengaluru (Karnataka) during 30 January, 2018 to 3 February 2018. Total 32 boy and girl students of AAU participated in Volleyball, Basketball, Table Tennis and Badminton Tournaments. Table Tennis (Women) team reached in Quarter Final, while Volleyball (Women) team



AGRIUNIFEST 2017-18

Anand Agricultural University participated in 18th AGRIFEST held at Sri Venkateswara Veterinary University, Tirupati (A.P.) during 12-16 February, 2018. AAU secured Gold Medal in Mono-acting and three Silver Medals in Collage, Cartooning and Cultural Procession events. Hon. Vice Chancellor, Dr. N.C. Patel and Director, Students' Welfare, Dr.S.H. Akbari congratulated all the participant students.



INTER COLLEGIATE AND POLYTECHNIC ATHLETICS MEET



Inter Collegiate and Polytechnic Athletics was held during 22-23 February 2018. Dr. N.C. Patel, Hon. VC, AAU, Shri Amit Prakash Yadav, DDO, Anand, Dr. S.H. Akbari, Director, Students' Welfare, Deans and University Officers, staff and students remained present in the inaugural function. All the



athletes showed stunning performance in Athletics event. Dr. N.C. Patel, Hon. VC and Dr. Arun Patel, DEE, Dr. S.H. Akbari, DSW remained present in Closing Ceremony to distribute shields and certificates to the winners.

GUJARAT STATE INTER AGRICULTURAL UNIVERSITY TOURNAMENT



- Gujarat State Inter University Polytechnic Volleyball, Kho-Kho and Table Tennis tournament was organized by AAU, Anand on 28 February 2018. Anand Agricultural University became Runners-up in Table Tennis.
- Gujarat State Inter University Cricket and Chess tournament was organized by Junagadh Agricultural University, Junagadh during 17-18 March 2018. Anand Agricultural University became Champion in Cricket and Chess both.



SELF DEFENCE TRAINING PROGRAMME FOR GIRL STUDENTS



Self Defence Training programme for first year girl students of various Colleges/Polytechnics of Anand Agricultural University was organized during 20-28 February 2018. The training was given by Shri Chetan Fumakiya, Director, Pratibha Academy and Mrs. Rucha Dave co-ordinated the programme. About 100 girl students were trained.

AEROBICS TRAINING TO GIRL STUDENTS



Aerobics training for girl students and women staff members of AAU was given by Miss Alpa Khanna and Mrs. Bhavini Kathiriya during 20-24 March 2018. The aim of the training was to create awareness about health and fitness in changing lifestyle through practice of Aerobics, Zumba and Relaxing exercises.

THALASSEMIA TESTING PROGRAMME



The Thalassemia testing programme was organized for First year B. V. Sc. & A. H. students on 1 February 2018 under National Service Scheme, Vet Sc. & A. H. College, Anand. The programme was inaugurated by I/C Dean/Principal Dr. B. P. Joshi and NSS programme officer Dr. R. A. Mathakiya. During thalassemia testing programme the blood was collected from 62 students of first year B. V. Sc. & A. H. by Indian Red Cross Society, Ahmedabad.

NSS SPECIAL CAMP



A seven days NSS special camp of Vet Sc. & A. H. College, Anand was organized by Dr. R. A. Mathakiya, NSS programme officer under National Service Scheme during 19-25 March 2018 at Vadod village of Anand district. Sixty student volunteers were selected for the camp. The camp was inaugurated by Dr. S. H. Akbari, DSW, AAU and Dr. A. M. Thaker, Dean/Principal along with other faculty members viz. Dr. J. B. Nayak, SRC Chairman, Dr. A. C. Vaidya. During the special camp, various activities were done at Vadod which includes Social awareness: conducted rallies with slogans on themes like evils of various addictions, *beti bachao beti padhao* campaign, polio vaccination, health camp: eye check-up camp and blood group testing of all the students of two

primary schools. Educational: visit to poultry farm, gathering information of animals and farmers as a part of survey especially on mastitis. Community activity: cleaning of streets and other places of village. Deworming and distribution of mineral mixture: Approximately more than 400 doses of anthelmintic boli were distributed to poor needy farmers' cow, buffalo, sheep, goat etc. and mineral mixture bags were also distributed along with deworming campaign.



BREED REGISTRATION CERTIFICATE AWARD

National Bureau of Animal Genetic Resources and Department of Animal Husbandry, Dairying and Fisheries jointly organised the Animal Breed Registration Certificate Award Ceremony at Krishi Bhavan, New Delhi on 10 January



2018. Function was organised to award the Breed Registration to the stakeholders/applicants for the newly recognised and registered breeds of livestock during the year. Anand Agricultural University, Sahjeevan Trust and Ram Rahim Kachchhi-Sindhi Ashwapalak Sahkari Mandali Ltd. jointly characterised Kachchhi-Sindhi horse breed and now Kachchhi-Sindhi horse breed is recognized as a 7th equine breed. Dr. D. N. Rank on behalf of Anand Agricultural University received the breed registration certificate by Union Minister of Agriculture & Farmers Welfare, Shri Radha Mohan Singh at New Delhi.

BEST TEACHER AWARD

Dr. Kamlesh A. Sadariya, Asst. Prof., Dept. of Veterinary Pharmacology and Toxicology received the 'BEST TEACHER AWARD' in the Faculty of Veterinary Science & Animal Husbandry, Anand for the year 2016-17 from Hon. Governor Shri of Gujarat, Shri O.P. Kohli and Hon. Agriculture



minister Shri R.C. Faldu during the 14th Annual convocation ceremony held at Anand Agricultural University on 2 January 2018.

IDA RESEARCH PAPER AWARD

The research paper entitled 'Development of symbiotic lassi containing honey: Studies on probiotic viability, product characteristics and shelf life' authored by Shruti Sharma, Sreeja V. and Jashbhai B. Prajapati was declared Second best paper published in the 'Dairy Processing Area' in the



Indian Journal of Dairy Science for the calendar year 2016 by Indian Dairy Association. Dr. Sreeja V. received this honour with cash prize of ₹ 3000/- and certificates for authors during the 46th Dairy Industry Conference and Dairy Expo at Adlux International Convention and Exhibition Centre, Angamali, Kochi organized during 8-10 February 2018.

BEST POSTER AWARD

Best Poster Award was given to Dr. B. K. Mishra, Dr. Subrota Hati, Mr. Sujit Das on presenting a research paper (oral presentation) entitled '*in vitro* Biofunctionality and shelf life study of probiotic Tungrimbai' (an ethnic soy food of Khasi Hills, Meghalaya, India) in 20th Agricultural Scientists & Farmers' Congress organized by Bioved Research Institute of Agriculture Science & Technology, Allahabad on 17-18 February 2018.

CONGRATES



Prakrutik Bhavsar, the student of Vet. Sc. & A.H. College,

AAU, Anand received FIVE GOLD MEDALS for securing highest OGPA in B. V. Sc. & A. H.; securing highest marks in the subject of Livestock Production Management as well as highest marks in Clinical Subjects in the Faculty of Veterinary Science & Animal Husbandry, Anand from Shri O. P. Kohli, Hon. Governorshri of Gujarat & Chancellor of AAU; Shri R. C. Faldu, Hon. Minister of Agriculture, Gujarat State; Dr. N. C. Patel, Hon. Vice Chancellor, AAU, Anand and Dr. A. K. Srivastava, Chairman-ASRB, New Delhi, during the 14th Annual convocation ceremony held at AAU on 2 January 2018.



- Dr. Terrance Satish Macwan, M.V.Sc (Scholar), Dept. of Pathology, College of Veterinary Science & A.H. AAU, Anand has been awarded Dr. B.V.Rao /World Poultry Congress - 96 Research Fellowship of ₹ 55000/- for his M.V.Sc Research Project on 'Etiopathological and molecular studies on infectious bursal disease in commercial poultry' for the year 2017-18.



- Dr. Kinnariben Rameshkumar Makwana, M.V.Sc (Scholar), Dept. of Pathology, College of Veterinary Science & A.H., AAU, Anand has been awarded Dr. B.V.Rao / World Poultry Congress - 96 Research Fellowship of ₹ 55000/- for her M.V.Sc Research Project on 'Pathological studies on Marek's disease with special reference to molecular characterization of Marek's disease virus and genotyping of crossbred chicken from organized poultry farm' for the year 2017-18.

PUBLICATION OF FARM MAGAZINE



The Publication Unit, DoEE, AAU, Anand publishes the monthly farm magazine 'Krushigoviddya' regularly for the benefit of the farming community since May 1948. There are 9900 subscribers registered for this multicolored farm magazine upto December 2017.

RETIREMENTS

January 2018

- 1 Dr. M.R. Saiyad, Research Scientist (P), ICAR Unit, Anand
- 2 Dr. Ankita Killedar, Research Scientist, College of Veterinary Science & AH, Anand
- 3 Dr. Maheshchandra Ambalal Patel, Research Scientist(P), ICAR Unit, Anand
- 4 Manubhai Banidan Gadhvi, Agri Supervisor, RRS, Anand
- 5 Haribhai Bhupatbhai Padhiyar, Junior Clerk (Kalam-1), Veterinary College Anand
- 6 Jashbhai Bhayjibhai Chavda, Driver, BA College of Agriculture, Anand
- 7 Sankarbhav Bavabhai Gohel, Laboratory Attendant, BTRS, Anand
- 8 Rameshbhai Mangalbhav Harijan, Sweeper, College of FPT & BE, Anand
- 9 Mangalbhav Vajabhai Vaghela, Peon, BA College of Agriculture, Anand
- 10 Beenaben Kamleshbhai Patel, Peon (Cleaner), EEI, Anand

February 2018

- 11 Gebabhai Gobarbhai Patel, Associate Professor, BA College of Agriculture, Anand
- 12 Hathibhai Punjabhai Sodhaparmar, Research Scientist, ICAR Unit, Anand
- 13 Manubhai Gopalbhai Vasava, I/c Comptroller, Anand
- 14 Ranchodbhai Popatbhai Thakor, Sr. Clerk, Bio-technology Unit, Anand
- 15 Liyakatali Maheboobali Saiyad, Laboratory Attendant, BTRS, Anand

March 2018

- 16 Dr. Ram Narain Pandey, Professor, BA College of Agriculture, Anand
- 17 Bhadrakaben Udaykumar Dave, Sivan Teacher, College of FPT & BE, Anand
- 18 Rajnikant Jivanlal Dalwadi, Sr. Clerk, Office of the Director of Research, Anand

Every Problem Comes to Us or Breaks Us ! The Choice is Ours Whether We Become Victims or Victorious

- Bhagawat Geeta

Book-Post

To



From :
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