

आईआईओपीआर समाचार

IIOPR

News

An ISO 9001:2008 Certified Institute



ICAR- Indian Institute of Oil Palm Research, Pedavegi - 534 450, Andhra Pradesh; Web site: <http://dopr.gov.in>

SECTORAL NEWS

Inter-cropping systems approach in oil palm for realizing higher productivity, profitability and income.

Crops like heliconia, red ginger, cocoa, bush pepper, banana, long pepper, guinea/ Napier grass and cut foliage plants have been intensified as suitable inter crops in oil palm. Among the crop combinations, the highest net returns (Rs. 1, 56, 695) and cost benefit ratio (1:2.86) were observed under oil palm+ bush pepper followed by oil palm+ cocoa combination. Results have proven that productivity of oil palm in inter cropped plots is increased when compared with mono cropping coupled with additional income.



Cocoa intercrop in oil palm

UPCOMING EVENTS

"ICAR south Inter-institutional tournament-2018" to be held from 05th to 09th September, 2018, organized by ICAR-CTRI, Rajamahendravaram and co-organized by ICAR-IIOPR, Pedavegi.

XIX Research Advisory Committee meeting from 09th to 10th August, 2018

From Director's Desk

Intervention of molecular and tissue culture approaches in developing elite parental/hybrid planting material



ICAR- Indian Institute of Oil Palm Research (IIOPR) established in 1995, started working on conventional breeding methods to improve elite oil palm genetic material for yield, tolerance to biotic and abiotic stresses and oil quality. Though the conventional breeding approaches led to improvement of oil palm yield in India, still it needs to increase the production and productivity to cater the needs of Indian edible oil requirement and to minimise the imports of edible oil from other countries. In this concern, efforts were also made in germplasm improvement through germplasm exchange programmes between ICAR-IIOPR, Pedavegi and MPOB, Malaysia. Under this exchange programme, IIOPR obtained promising germplasm from African countries and Malaysia. The Institute also explored the different parts of India, majorly Andaman & Nicobar Island and has a repository of Indigenous oil palm germplasm consisting of 120 accessions collected from commercial D X P plantations of exotic sources.

Though the traditional breeding programmes at ICAR-IIOPR improved oil palm in terms of FFB yield, oil yield, dwarfness and abiotic stress tolerant lines, the breeding cycle (15 years) of oil palm takes long time in selecting germplasm with desirable traits. In this connection, molecular and tissue culture approaches plays vital role in developing desirable oil palm cultivars. Heterogeneity is a major concern in oil palm where each palm differs with other. To improve homogeneity in oil palm, ICAR-IIOPR is presently putting concerted efforts in tissue culture. ICAR-IIOPR achieved callusing, and somatic embryogenesis from several explants viz., spear leaf, male and female inflorescence. Regeneration protocol using oil palm zygotic embryos has been standardized. Recently, SNP based CAPS marker identified, which can differentiate the *dura*, *pisifera* and *tenera* fruit forms at seedling stage instead of waiting for 5 years. This identified marker can save time, space, labour, land and monetary benefits. Grouping of the existing germplasm for fruit types is being carried out at IIOPR using the identified CAPS marker. We also identified one SSR marker for dwarfness (low height increment) which is able to differentiate the dwarf and tall genotypes. GWAS was performed on oil palm (*Elaeis guineensis* Jacq.) using SNPs by genotyping by sequencing method and whole genome wide SSRs. A total of 4031 significant SNPs were used for association mapping of oil yield related traits and short stature of oil palm. Three major QTLs were identified for height increment on chromosome 6, 7 and 9, together explained 41% of phenotypic variance. Two QTLs for bunch weight were identified on chromosome one which accounted for 24% of phenotypic variance each. Five QTLs were identified for percent oil to bunch ratio. Association mapping of SSR marker data with phenotypic data identified QTLs for fruit to bunch and oil to bunch traits, which explained R^2 of 12.9% and 11.5% respectively. The above technologies are being presently utilized in selection of dwarf, high yielding with good oil yielding parameters of oil palm germplasm to supply to the farmers. Hence it will further helps in increasing the demand of palm oil production and productivity of India at large scale there by reducing the foreign exchange incurred on import of edible oils.

Further research is being strengthened at ICAR-IIOPR to achieve sustainable development of oil palm growth and for self sufficiency in quality seed production and for generation of dwarf with high oil yielding germplasm through intervention of molecular biology techniques and production of homogeneous material by rapid multiplication protocol.


R.K.Mathur

RESEARCH UPDATES

Achievements/ Methodologies/ Innovative technologies/ Genetic stock

Germplasm registration

Plant germplasm registration committee in its XXXVIIth meeting held on 23rd October 2017 approved the registration of six oil palm germplasm lines. The recommendations of the registered germplasm are as give below.

App. No/ National Id/ Regis. No	Special traits
IC0597686; INGR17082	Slow vertical stem growth (low annual height increment of 15cm per year)
IC0597687; INGR17083	Virescens fruit color. Dura fruit forms
IC0597688; INGR17084	Long bunch stalk (53cm)
IC0597689; INGR17085	Sterile <i>Pisifera</i> palm, Virescens fruit
IC0597690; INGR17086	Dwarf palm (12cm annual height increment). High fruit set (69.09%)
IC0597691; INGR17087	Slow vertical stem growth (low annual height increment of 25cm per year). Compact palm with <i>tenera</i> fruit form.

Collection of germplasm (Bhagya HP, Ravichandran G, Kalyana Babu B and Anitha P)

Cottected two dwarf palms which are from unknown origin and bunches were collected and brought to the seed lab for further processing.



Dwarf oil palm genotypes (*Tenera*) identified in Farmer field

Identification of *pisifera* palms (Bhagya HP)

Two dwarf palms were identified based on height and revalidated by SSR marker in farmers field having planting material of unknown source. The seeds were collected

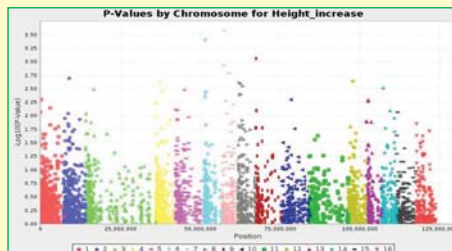
Selection of Dura for improvement programme (Anitha P)

Dura palms from two DxD crosses viz., 44 CD (ZS-1) X 435, CD (CA-12) & 60 CD X 62 CD (ZS-8 inter se cross) for high yield and dwarfness were evaluated during 2017-18. Palm No. 47 (44 CD (ZS-1) X 435 CD

(CA-12) recorded highest bunch weight (208.37 kg) during 2017-18. Fourteen palms with high yield and less height increment were selected based on the mean of 2 years (2015-16 and 2016-17). Palms having more than 20% oil to bunch have been identified (palm no.32 and 52) in the 100 palms dura trail.

Technology of mapping by Genome Wide Association (GWAS) method for dwarf stature of oil palm using SNPs (Kalyana Babu B)

Association mapping using SNPs resulted in identification of five significant QTLs on chromosome 6, 7 and 9. Interestingly, out of five, three QTLs located on chromosome 7 itself, while one each on chromosome 6 and 9 at a P value of <0.00001.



The Manhattan plot of compressed MLM for height increment of 96 African germplasm

Design and development of first web based oil palm SSR database (OPSatDB) (Kalyana Babu B and Mary Rani KL)

Compilation of genomic sequence data and extraction of unique forward and reverse sequence data for each oil palm chromosome was done. Designed and developed web based retrieval of micro satellite data based on repeat motif, motif type and repeat number for 16 chromosomes of oil palm genome.

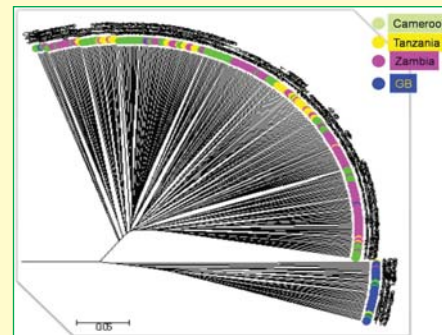


The First oil palm microsatellite database (OPSatDB) for retrieval of SSR data

Genetic diversity analysis of selected African oil palm germplasm (Kalyana Babu B)

Total of 311 oil palm germplasm belongs to four African countries were evaluated

for molecular characterization using 400 SSR markers. 170 SSRs found polymorphic and gave clear banding pattern. Out of 170, 32 SSRs were found to be highly polymorphic having high PIC value, gene diversity, more allele number etc. These 170 SSRs could able to differentiates the 311 germplasm into different clusters mainly based on their geographical origin. The germplasm of Guinea Bissau formed a separate cluster than other countries.



DRIS indices developed for oil palm plantations of Krishna District (Manorama K)

DRIS indices for Krishna District had been -4.615, 3.32, 0.86, 3.915 and -3.485 for N, P, K, Mg and B respectively. N>B>K>P>Mg is the order of importance of nutrients in Krishna District. The optimal ranges for N, P, K, Mg and B in leaf samples of Krishna District are 2.07-4.29, 0.13-0.27, 0.52-0.94, 0.44-0.76 % and 44.97-102.7 ppm respectively. In soil, mean values of pH, EC and OC were estimated as 7.32, 0.25 and 0.57 respectively. The N, P₂O₅ and K₂O had been 222.68, 101.47 and 566.13 kg/ha respectively, whereas Ca and Mg were 4.81 and 2.11 meq/100g soil respectively

Method and quantum of Irrigation in oil palm (Rao BN)

Dose of irrigation has significant impact on production of female inflorescences and FFB yield. Method of irrigation (microjet and drip methods) did not show any impact on yield of oil palm. Application of irrigation water at CF 0.7 is recommended for higher yield coupled with recommended dose of fertilizers @1200:600:1200 g NPK per palm per year through soil application at quarterly interval.

TRANSFER OF TECHNOLOGY

Participation in exhibition

ICAR-IOPR participated in the exhibition at Tallapudi, West Godavari district, A. P. on 8.1.2018 on the eve of Janmabhoomi-Ma voru, organised by district administration of West Godavari district of Andhra Pradesh.



Ramachandrudu K and Anitha P, participated in the Krishni Unnati Mela, ICAR- IARI, New Delhi, on 16th-18th March, 2018 organised by Ministry of Agriculture. Explained and created awareness on oil palm to visiting farmers, dignitaries and students.



ICAR-IOPR participated in Exhibition at IARI New Delhi

Training programmes organised for officers

Total 213 officers were trained during October 2017 to March 2018. Four skill development training programmes were conducted to 31 officers from the states of Tamil Nadu, Chhattisgarh, Karnataka, Kerala, Mizoram, Telangana and Andhra Pradesh. One hundred and eighty two officers of state government of Andhra Pradesh were trained on oil palm cultivation practices and they were exposed to oil palm nursery, processing unit and field demonstrations based on the requirement of the training programme.

Officers training programmes were organised on Oil palm production technologies and Oil Palm Cultivation Practices, and the participants were 100 and 82 respectively.

Skill Development Programmes were organised on Plant Protection, Hybrid seed production, Nursery Management, Soil and leaf nutrient analysis in oil palm which were attended by 5, 11, 3 and 12 members respectively.



Participants of Officers training programme on oil palm hybrid seed production

Training programmes organised for farmers

On campus and on farm training programmes on "Oil Palm Cultivation Practices" to oil palm growing farmers were organised to 903 farmers of Andhra Pradesh, Chhattisgarh and Telangana.

Name of the programme	No. of participants	Village/Mandal/District	State
On farm farmers training programme on oil palm recommended practices	130	Aswaraopet, and Sattupally Khammam Dt.	Telangana
Farmers training programme on Oil Palm production technology	773	Punyakhethram, East Godavari Dt. Eluru, West Godavara Dt. Venkatapuram, Chintalapudi mdl, West Godavari dist, Elaswaram, East Godavari, Ghantavarigudem, Nallajerla Mdl, West Godavari, Malakapuram village, Kothapet Dist., Kakinada, Denduluru, Pedapadu, Koyalagudem, Hanuman junction, Krishna Dt.	Andhra Pradesh, Telangana, and Chhattisgarh
Total participants	903		

Mera Gaon Mera Gaurav programme

Conducted and coordinated oil palm technology transfer programmes in Mera Gaon Mera Gaurav villages in Andhra Pradesh and Kerala.

Farmer's FIRST programme

ICAR sponsored KVK scheme "Farmers FIRST programme" entitled "Enhancing profitability of oil palm based cropping system through resource use efficient technologies with farmer-scientist and stakeholders interface" is being implemented at Challachintalapudi and

Makkinavarigudem villages of West Godavari District of Andhra Pradesh. Organised following activities.

Module	Intervention	Area covered (ha) / Animal (No.)	Number of Households covered
Crop based module	Weather based irrigation scheduling in oil palm	200	40
	Integrated pest management of leaf eating caterpillar and bag worm in oil palm	635	217
	Integrated disease management of Basal Stem Rot (<i>Ganoderma</i> spp.) in oil palm	80	55
	Mechanization of harvesting of bunches in oil palm	50	80
Horticulture based module	Coconut and Oil Palm based cropping system	4	10
Livestock based module	Fodder grass for live stock	2	30
NRM Based module	Recycling of biomass obtained from oil palm plantation	567	149

Diagnostic field visits

Conducted 24 diagnostic field visits in oil palm plantations of Andhra Pradesh (All Scientists).

Participated in Diagnostic field visit and field demonstration on Bio-waste management in oil palm plantations under FFP (Kalyana Babu B)

Participated in Diagnostic field visit and field demonstration on integrated disease management at Nidadavolu and Nallajarla (Anitha P and Deepthi K P)

Demonstrations, Group meetings, Awareness campaigns and skill demonstrations

Conducted 33 skill/method demonstrations on management of pests/diseases, collection of soil and leaf for nutrient analysis, release of parasitoid and application of pesticide/bio agent against pest/disease in two villages adopted under Farmers FIRST Programme. Demonstrated use of chaffcutter for biomass recycling and Vermibeds for recycling of biomass from oil palm plantations.

Programmes conducted at Challachintalapudi

Demonstrations were conducted on vermi compost bed preparation, pesticide spraying to control leaf web worm, releasing of egg parasitoids (*Trichogramma* spp.) against leaf web worm, application of *Metarhizium anaesopliae* against Rhinoceros beetle in coconut and oil palm, and chaff cutter for recycling of biomass in coconut and oil

palm. The total number of programmes were 16 with a total of 258 beneficiaries.

Group meetings

Group meetings were conducted on controlling of leaf web worm, vermi compost bed preparation and controlling of leaf web worm, Inter face meet on irrigation and nutrient management in oil palm plantations, implementing pole harvesting of oil palm FFB. The total number of programmes are five with a total of 118 beneficiaries.

Awareness Campaign

Conducted on Recycling of biomass waste from oil palm plantations and 48 farmers got benefited.

Skill demonstrations

Two Skill demonstrations were organised on collection of compost from vermin beds, mobile based irrigation scheduling with a beneficiaries of 21 and 32 respectively.

Programmes conducted at Makkinavarigudem

Demonstrations

Two demonstration programmes were organised on releasing of egg parasitoids (*Trichogramma sps.*) against leaf web worm and demonstration on use of *Arbuscular michorrhizha* which were benefited by 10 and 17 farmers.

Group meetings

Three group meetings were organised on management of leaf web worm and discussion on pest and disease management, control leaf web worm, disease management in oil palm with a total beneficiaries of 45 farmers.

Awareness Campaign

On pest and disease management in oil palm conducted and 80 farmers were benefited.

Skill demonstrations

One skill demonstration was conducted on mobile based irrigation schedule and 20 farmers got benefited.



Farmers First Programme on Application of vermicompost prepared from vermibeds

PUBLICATIONS

RESEARCH ARTICLES

Behra SK, Mathur RK, Shukla AK, Suresh K, and Chandra Prakash. (2018). Spatial variability of soil properties and delineation of soil management zones of oil palm plantations grown in a hot and humid tropical region of southern India. *Catena*. 165: 251-259.

Babu BK and Mathur RK. (2017). Biodiversity and Genomics of Oil Palm in Biodiversity in Horticultural Crops. Astral Publications. Vol 6, Pp 319-336.

Kumar PN, Babu BK, Mathur RK, Ramajayam D. (2018). Genetic engineering of Oil Palm. In: Rout, G.R., Peter, K.V. (Eds.), Genetic Engineering of Horticultural Crops. Academic Press, Elsevier pp. 169-191. ISBN: 9780128104392.

Chandra Surya Rao M, Rao BN, Vijaya Bhaskar V, Suresh K, and Kalpana R. (2018). Influence of different methods and levels of irrigation on photosynthetic pigments in relation to yield of oil palm (*Elaeis guineensis* Jacq.). *Int. J. Curr. Microbiol. App. Sci.* 7(2): 26-35. <https://doi.org/10.20546/ijcmas.2018.702.005>

Prasad MV, Kalidas P, Rao BN, Suresh K, Ramachandrudu K, Preethi KP, Mary Rani KL. Co-edited by Sunilkumar K, Rahana SN, Sabu AS, and Aswathi GM. (2018). Enna pana krishi - Malayalam (Oil palm cultivation - English). ICAR-Indian Institute of Oil Palm Research, P-57.

E-PUBLICATIONS

Mary Rani KL, Kalyana Babu B, Sarika Sahu, and Mathur RK. (2018). Web Application on Oil Palm Microsatellite Database (OPSatDB ver 2.0). ICAR-Indian Institute of Oil Palm Research, Pedavegi. <http://dopr.gov.in/Databases/Software.htm>

DIGITAL PUBLICATION

Prasad MV, Suresh K, Mathur RK, Kalidas P, Rao B.N, Ramachandrudu K, and Preethi P. (2018). The Golden Palm- a digital Video Film on oil palm cultivation with 28 minutes duration in English and Hindi languages) by ICAR- Indian Institute of Oil Palm Research, Pedavegi (A.P.)

Prasad MV, Suresh K, Mathur RK, and Sunilkumar K. (2018). ICAR-IOPR marching ahead. A digital video film on activities of ICAR - Indian Institute of Oil Palm Research. 12 minutes. ICAR-Indian Institute of Oil Palm Research, Pedavegi

TECHNICAL PUBLICATION

Mathur RK, and Rao, B.N. 2018. Feasibility studies for oil palm cultivation of Bachanaki Farm, Uttara Kannada District, Karnataka.

Mathur RK, Ravichandran G, Sunil Kumar K, Ranvir Singh, Kalyana Babu B, Anitha P and Bhagya HP. (2017). Proceedings of 12th National oil palm seed meet. Published by Department of Agriculture and Cooperation and Farmers

welfare and ICAR-Indian Institute of Oil palm Research

BN, Suresh K, Behera SK, Ramachandrudu K, and Manorama K. (2017). Nutrient Management in Oil Palm. ICAR-IOPR, Pedavegi, P-28.

POPULAR ARTICLES

Rao BN, Chandra Surya Rao M, Manorama K, and Naresh S. (2017). Oil Palm Saagulo Neeti Yajamanyam - Rytulaku Soochanalu (Water management in oil palm- suggestions to farmers). *Annadata- monthly Telugu agricultural news magazine* 49(3):26-28.

Prasad MV, Ramachandrudu K, Sunder Rao N, and Sowjanya P. (2017) Oil palm lo antara pantala sagu yajamanyam lo teesukovalasina jagrattalu-Telugu (Precautions to be taken in intercropping in oil palm-English) *Vyavasayam - Monthly Telugu agricultural news magazine of Prof. Jayasankar Telangana State Agricultural University, October, 2017, p 29-31.*

Prasad MV, Ramachandrudu K, Sowjanya P, and Sunder Rao N. (2018). Oil palm lo antara pantalasagu-cheyavalasnavi-cheyagudanivi-Telugu (Do's and Don'ts in intercropping in oil palm-English). *Rytunestham- Monthly Telugu agricultural news magazine. March 2018. Vol.13 (6). P-53-54.*

FOLDERS

Prasad MV, Suresh K, Sowjanya P, and Sundera Rao N. (2018). Folder on "Oil Palm cultivation. ICAR-Indian Institute of Oil Palm Research, Pedavegi. P-2.

Prasad MV, Suresh K, Sowjanya P, and Sundera Rao N. (2018). Folder on "Oil Palm Sagu-Telugu (English-Oil Palm cultivation). ICAR-Indian Institute of Oil Palm Research, Pedavegi. P-2.

PRODUCTION OF SHORT VIDEO FILMS

Mary Rani KL, Prasad MV, Mathur RK, and Rao BN. (2018). Irrigation management in Oil Palm. ICAR- Indian Institute of Oil Palm Research, Pedavegi (A.P.)

Mary Rani KL, Prasad MV, Mathur RK, and Rao BN. (2018). Fertilizer management in Oil Palm. ICAR- Indian Institute of Oil Palm Research, Pedavegi (A.P.)

Mary Rani KL, Prasad MV, Mathur RK, and Rao BN. (2018). Mulching in Oil Palm. ICAR- Indian Institute of Oil Palm Research, Pedavegi (A.P.)

Mary Rani KL, Prasad MV, Mathur RK, and Rao BN. (2018). Green manuring and cover crops in Oil Palm. ICAR- Indian Institute of Oil Palm Research, Pedavegi (A.P.)

Mary Rani KL, Prasad MV, Mathur RK, and Rao BN, and Suresh K. (2018). Management of nutrient deficiencies in Oil Palm. ICAR- Indian Institute of Oil Palm Research, Pedavegi (A.P.)

PARTICIPATION IN SEMINAR/ SYMPOSIA/WORKSHOP/ CONFERENCES

Manorama K

- 38th Asian Conference on Remote Sensing and presented an oral paper on “Remote sensing and GIS techniques in agroecological zoning and potential area identification” at New Delhi on 23-26th October, 2017
- Workshop on “Commodity Futures and Price Risk Management” at IIPM, Bengaluru and Government of Andhra Pradesh at Vijayawada on 6th February, 2018

Mary Rani KL

- National Symposium on NSM Grid over NKN at Bangalore on October 09-10, 2017
- National Conference on Digital and Engineering Technologies for Precision Agriculture and Value Addition” & Farm Engineering Expo-2018 at College of Agricultural Engineering, Bapatla, Andhra Pradesh on February 26-27, 2018

Rao BN

- Annual Group Meeting of AICRP on Spices by Indian institute of Spices Research at Guntur, A.P on 10th Oct., 2017
- ASRB interface meeting at ICAR-NAARM, Hyderabad on 1st and 2nd Nov., 2017
- Global Rajasthan Agritech Meet (GRAM 2017) by Govt. of Rajasthan and FICCI at MPUAT campus, Udaipur from 5th to 8th Nov, 2017
- National Conference on Digital and Engineering Technologies for Precision Agriculture and Value Addition & Farm Engineering Expo-2018 at College of Agricultural Engineering, Bapatla on February 26-27, 2018

Kalyana Babu B

- National Seminar on futuristic agriculture for sustainable food security at SV Agricultural College, Tirupati from 20th to 23rd February, 2018

TRAININGS ATTENDED

Mathur RK, attended MDP training programme on “The art of successful leadership and management at Mol, Gurgaon, during 01st -03rd Nov, 2017.

Prasad MV, attended training cum

workshop on “Methodological framework for implementation of Farmers FIRST Project” held at Dehradun, Uttarakhand, held during November 6-9, 2017.

Bhagya HP, participated in training programme on Multivariate data analysis at ICAR-NAARM, Hyderabad from 14.12.2017 to 20.12.2017.

Rama Lingewara Rao P, Senior Technical Assistant (Driver) has attended Training Programme on “Automobile Maintenance, Road Safety and Behavioural Skills for Regular Drivers in Technical Grades” organized at CIAE, Bhopal during 27.11.2017 to 01.12.2017.

Gowri Shankar P, AAO and Sri Asif Mohammed, AF&AO participated in refresher course on “Administration and Finance Management for Section Officers, AAOs, AF&AOs and Assistants of ICAR during 18th – 23rd January, 2018 at ICAR-NAARM, Hyderabad.

Meetings attended/ Lectures delivered/ Papers presented

Prasad MV, delivered invited lecture on “Personal strengthens & Value systems” to the participants of Agril. Skill Council of India (ASCI) sponsored Skill development programme on “seed processing worker” at ICAR-IOPR, RC, Palode on 28.03.2018.

Manorama K, delivered a talk on All India Radio on “Management strategies during first three years of oil palm plantations” (broadcast on 20.8.2017).

Rao BN, Farmers Training (Off campus) programme organized in collaboration with State department of Horticulture, Andhra Pradesh at Dubacharla village, West Godavari on 23rd Jan., 2018.

41st Project Monitoring Committee (PMC) meeting by Department of Horticulture at Secretariat, Bengaluru, Karnataka on 1st Feb., 2018

MEMBERSHIPS IN COMMITTEES / EXPERT TEAMS

Manorama K, has been nominated as external member of ICAR-CTRI, Rajahmundry for assessment committee for considering merit promotion cases of Technical Personnel up to 29.01.2019 and visited HRS, Vijayarai on 12.10.2017 as a member of monitoring committee on AICRP trials.

Rao BN, external expert for the assessment and interview of the Asst. Prof. and

Scientists of Dr YSR HU, V.R. Gudem under CAS programme.

Rao BN, Member- District Purchase Committee for custom hiring centre, West Godavari District, A.P.

Obituary

ICAR-IOPR mourns the sad demise of Sri Y.J.E. Samuel, UDC, due to illness.

Promotions/MACP

Kalyana Babu B, Scientist has been promoted to the next higher grade of Senior Scientist w.e.f. 08.01.2017

Ananda Rao K, Technician (Field/Farm) has been promoted to the next higher Grade of Senior Technician (Field/Farm) w.e.f. 13.08.2017.

Sunil Duth V, Senior Technical Assistant (Boiler Man), RC, Palode has been promoted to the next higher Grade of Technical Officer (Boiler Man) w.e.f. 23.03.2017.

Muralidharan Pillai B, Senior Technician (Fitter), RC, Palode has been promoted to the next higher Grade of Technical Assistant (Fitter) w.e.f. 18.09.2017.

Papa Rao A, Technical Assistant (Tractor Driver) has been promoted to the next higher post of Senior Technical Assistant (Tractor driver) w.e.f. 13.09.2017.

Trainings programmes organised

Training Programme for Skilled Support Staff in “ICAR-ERP System (MIS – FMS) organised at IOPR, Pedavegi from 06.12.2017 to 07.12.2017.

Skill Development Training Programme on “Soil & Leaf Nutrient Analysis on Oil Palm” was conducted during 17th to 19th January, 2018.

Training Programme “Spoken English including letter drafting and routine administrative procedures” conducted at IOPR, Pedavegi.

Transfers

Sri Nasir Hussain, AAO has been left ICAR and relieved in the AN of 26.02.2018 to join in the post of Manager at Defence Canteen, New Delhi.

Sri Sivarama Krishna S., PA has been left ICAR and relieved in the AN of 28.02.2018 to join in the post of Private Secretary at SPA, Vijayawada.

RECOGNITION /AWARDS RECEIVED

Prasad MV, Principal Scientist awarded with “Padma Sree Dr. I.V. Subba Rao Rytuneshtam Puraskaram-2017” by Vice President of India, at Atkur



Won the best research paper, oral presentation on “Voice Message Services ICT tool for dissemination of oil palm technologies”

(by Prasad, M. V., Mary Rani, K. L., Sundera Rao, N. and Sowjanya, P.) in the National Conference on “Digital and engineering technologies for precision agriculture and value addition” organised by College of Agricultural Engineering, Bapatla, Guntur district, Andhra Pradesh during February 26-27, 2018.



Kalyana Babu B selected for Young Achiever Award from SADHNA Society, Palampur.

Others if any (Consultancy/ advisory services/ items not covered elsewhere...)
Prasad MV acted as external examiner for the Ph. D. student of Agricultural Extension, College of Agriculture, ANGRAU, Tirupati, Andhra Pradesh.

RETIREMENTS
Sri Sudhakaran Nair S, SSS, RC, Palode has retired from the Council’s Service on superannuation and relieved in the afternoon of 31.10.2017.

HAPPENINGS AT ICAR-IIOPR

VIGILANCE AWARENESS WEEK

Vigilance Awareness Week commenced from 30.10.2017 to 04.11.2017 and pledge has been administered on 30.11.2017. Organized various competitions to the staff members of IIOPR, and prize distributed during closing ceremony on 03.11.17.



AGRICULTURAL EDUCATION DAY

Celebrated Agricultural Education Day and Prize distribution has been conducted for various school children for Essay writing and Quiz competitions on 04.12.2017.



WORLD SOIL DAY

World soil day was celebrated on December 5, 2017 and distributed 68 soil health cards to oil palm growers of West Godavari and Krishna Districts.



REVIEW MEETING OF R&D PROJECTS UNDER NMOOP

Review meeting was conducted on January 19, 2018 under the chairmanship of Dr. S. K. Malhotra, Agricultural Commissioner, DAC&FW, and New Delhi.



BRAIN STORMING SESSION

Brain Storming Session on “Development of seed standards for oil palm seed gardens” was organized on January 24, 2018, which was facilitated by Dr. A. Tonapi, Director, IIMR, Hyderabad.



FOUNDATION DAY

ICAR-IIOPR Foundation day was celebrated on 19.02.2018. On this auspicious occasion, Director briefed the salient achievements of IIOPR and also distributed prizes to winners in various competitions.



IRC MEETING

IRC Meeting held on 14th to 15th March, 2018, chaired by Director and participated by all the Scientists of ICAR-IIOPR.



Republic day celebrated at ICAR-IIOPR, Pedavegi

Celebrated constitution day on 26-11-2018