

The fourteenth Annual Review meeting of the MIDH programmes implemented through the Directorate of Arecanut and Spices Development, was held on 28-29 July 2020 through video conferencing. There were around 53 participants representing 45 agencies implementing DASD programmes.

The inaugural session began at 10.00 AM. Dr. Femina, Deputy Director delivered the introductory remarks. Dr. Homey Cheriyan, Director DASD delivered the formal welcome address. Dr. B N S Murthy, Horticulture Commissioner, Govt. of India was the Chief Guest and inaugurated the review meeting. In his inaugural address, he highlighted that the demand for spices is expected to increase in the post COVID period. The production/productivity improvement made in NHM period to meet export and domestic demand is remarkable. He also appreciated the efforts done by DASD in Rajasthan to develop export clusters for pesticide free cumin production. He assured support from ministry in the efforts to address post COVID difficulties in spices sector. Dr. S K Rao, hon'ble Vice Chancellor, RVSKVV also addressed the audience.

The technical sessions began at 10.30 AM. The Review Team consisted of Dr. B N S Murthy, Horticulture Commissioner, Dr. Homey Cheriyan, Director DASD and Dr. Femina, Deputy Director, DASD. Center/institute wise presentation and review took place thereafter.

1. Tamil Nadu Agricultural University, Coimbatore

Dr. P Jansirani represented the university. She delivered a detailed component wise presentation on the programmes implemented by the university during the year. She informed the review team that a major portion of the present unspent balance is under the head "upgradation of spice nursery" and this would be fully utilized this year. The PI requested to reduce the targets allotted to Garlic for 2020-21 and asked for funds for some additional components. Director DASD appreciated the performance of the university, and remarked that as always, the implementation of MIDH programmes has been of the highest order in the university. The request for the additional programmes would be looked into. Director DASD told the PI that a pilot project on Bush Pepper is being allotted to them this year and the PI should directly monitor the implementation.

2. Uttar Banga Krishi Viswavidyalaya, W B

Dr. Suchand Datta represented the university. During his presentation, he informed the review team that all allotted programmes including skill development training programmes and farmers training programmes had been implemented. He also displayed photographs of all activities done during the year. The PI requested for additional FT programmes and FLD components.

3. Sri Konda Laxman Telangana State Horticultural University, Hyderabad.

Dr. B. Mahender represented the university. The PI informed that a major portion of the programmes had been fully implemented during the year. The TOT programmes could not be completed due to the outbreak of the pandemic. The pending programmes will be completed during the year. Director DASD informed the PI that the small amounts of unspent balances of the previous years lying with the university has to be refunded to the Directorate immediately.

4. University of Agricultural and Horticultural Sciences, Shimoga

Dr. C. Sunil represented the University. After his presentation, the PI informed the review team that after submission of the AUC, the reports for the corresponding years have been revised and now the unspent funds are mainly in planting material production of Black pepper, which will be completed this year. He requested for funds under planting material production of Ginger and Turmeric. There was also a request for 1 No of Nursery Centre. Director DASD replied that his request would be looked into. The PI was asked to submit a detailed report on the functioning of the Bio Control Lab. The balance funds available under this head is to be refunded to the Directorate.

5. Rajmata Vijayaraje Scindia Krishi Vishwavidyalaya, Gwalior.

Dr. K. S. Kirad represented the University. He delivered a detailed presentation on the programmes implemented by the university and informed the review team that all programmes have been implemented and only one FT programme is pending. DD enquired whether the university is interested to take up planting material production of Garlic. Director DASD reminded the PI that a bigger programme is being allotted to the university this year on their specific request and so he should take up the additional responsibility and ensure proper implementation of these programmes. The PI gave an assurance in this regard.

6. Sher-e-Kashmir University of Agricultural Sciences and Technology

Dr. Khursheed Hussain represented the university. A good elaborate power point presentation was delivered by him. He informed the review team that the allotted programmes had been implemented. He displayed the photographs of the skill development programmes, training programmes and the nursery center established during the year. He explained the reasons for the shortfall in certain components and stated that the letter endorsing the same has been sent to DASD. Director DASD asked him to submit success stories on the skill devp training in 'vermicompost producer', 'medicinal plants grower' implemented last year. He requested for some additional programmes like skill devp training, FTs and FLDs in Seed spices.

7. Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani

Dr. Godavari S. Pawar represented the university. During her presentation, she informed the review team that some programmes are pending and gave an assurance that these would be implemented this year positively. Director informed the PI that as the Utilisation Certificate is not yet submitted, revalidation of unspent balance has not been done. The PI was asked to initiate action to refund the unspent balance lying in certain components. Director DASD further stated that some additional programmes are allotted this year as per the specific request of the university, and the PI should take special interest to see that all programmes are implemented without fail.

8. C C S Haryana Agricultural University, Hisar

Dr. Makhan Majokha Lal and Dr. Rajesh Arya represented the university. After the presentation, the balance under the head "establishment of nursery center"

was taken up for discussion and Director DASD suggested that the balance may be refunded immediately if no longer required. The PI informed that the funds have already been utilized but the bills have not been passed. Director replied that the issue be resolved and the funds have to be fully utilized immediately and a confirmation to this effect be sent to DASD. To a query on the back log of funds under planting material production components, the PI assured that the all back log and the components earmarked for the year 2020-21 will be implemented this year without fail. He requested for additional FT programmes and FLDs in Aromatic Plants.

9. National Research Centre on Seed Spices, Ajmer

Dr. Y K Sharma represented the Institute. A detailed presentation on all programmes under taken by the Institute was delivered. A separate report on the FLD on pesticide free cumin production following GAP was also given. He informed that the project was a huge success and well accepted by farmers and produced more than 40 tonnes of Cumin. Director DASD complimented the Institute for the work. The outstanding efforts of Dr. Gopal Lal, Director of the Institute in the implementation of the project was commended by the review team.

10. Anand Agricultural University, Gujarat

Dr. H K Dhaduk represented the University. He informed the review team that all programmes including the farmers training programme had been done by them. The only pending component is “seed infrastructure” component, and this will be done this year. He requested for one additional FT programme.

11. Dr. Y. S. Parmar University of Horticulture and Forestry, Solan

Dr. Manish Kumar Sharma represented the university. After his detailed presentation, he informed that the reasons for the shortfall in physical targets of some planting material components was because the crop could not be harvested in time. And assured that the shortfall would be made up. As regards, the conduct of the FT programme, it was postponed due to the outbreak of the pandemic and will be conducted when the situation turns good. To a query from the review team, he replied that the drip irrigation/sprinkler system installed is fully functional and very useful. Director asked him to submit a report on the same. He requested for allotment of one seed infrastructure component for processing of seed spices.

12. Punjab Agricultural University, Ludhiana

Dr. Rajinder Kumar represented the university. All components except TOT programmes were fully implemented. He informed the review team that against an allotment of 4 nos of FLDs in Turmeric 5 plots were established during the year. The pending FT programmes would be done during this year and no further FTs need to be allotted. He requested to reduce the allotment of planting material production of Turmeric and sanction of one Distillation Unit. Director DASD appreciated the work done and replied that his request would be considered.

13. Kerala Agricultural University, Thrissur

Dr. N. Miniraj represented the university. She delivered a comprehensive component wise presentation of all the activities done under the MIDH scheme during the year. The unspent balance was mainly in planting material production of Black Pepper and upgradation of spice nursery heads. And these will be implemented during the next FY. She informed the review team that there was good demand for spice crops especially for Black Pepper and so the targets for the crops especially Black pepper may be increased. The PI requested for separate guidelines on conduct of TOT programmes during the pandemic. Six spice nurseries under Kerala Agricultural University were accredited by DASD and funds for upgradation of some of these nurseries were granted by DASD, which are under implementation. She also requested to add more nursery equipment in the upgradation programme to strengthen the nursery infrastructure. Director DASD appreciated the excellent work done in implementation of the MIDH by the University over the years.

Dr. P Jayaraj presented the achievements on the pilot project “Pilot project on participatory mode rehabilitation of Black Pepper garden in Cheruthazham Panchayat” and Kuttiatoor panchayat. He informed the review team that the project was a huge success and elaborated the achievements of the project, which is now being supported by the State Govt. Director DASD expressed serious concern over the funds lying unspent under this head. He asked Dr. Jayaraj to ensure that the unspent balances are fully utilized this year. The PI may monitor the issue and ensure full utilization of funds this year failing which the balance funds will have to be refunded to the Directorate.

A new project namely “Scaling up of microrhizome based ginger seed production” is being allotted to KAU during 2020-21. Dr. Deepu Mathew, in charge of the project delivered a detailed presentation on the mode of implementation of the project, which will be implemented in 10 different centres of KAU. Director DASD informed that this was a very important project aimed at replacing conventional Ginger seeds, which will be closely watched by the Ministry as well. Therefore, concerted efforts need to be put in implementation of the project. The PI may monitor the implementation and send periodic reports to DASD.

14. ICAR-Central Island Agricultural Research Institute (CIARI), Port Blair

Dr. K Abhirami represented the Institute. The PI was asked to submit a detailed report on upgradation of 2 nursery centres for spices allotted during previous year. The unspent amount lying in planting material production head must be utilized during this year itself. It was also directed to submit fresh proposals on establishment of mother block for cinnamon under the university.

15. University of Agricultural Sciences, Bangalore

Dr. K N Srinivasappa represented the University. He delivered a detailed presentation of the programmes conducted by the university. The PI requested for some training programmes and FLDs in Turmeric. Director DASD informed that there were slight shortfalls in the physical achievement in the planting material components, and this should be avoided in future. The PI was also asked to initiate

action for refund of the balance of the skill devp training programme conducted during previous years.

16. Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola

Dr. P K Nagre and Dr. V. S. Kale represented the University. During his presentation, he informed that the Waigaon variety of Turmeric produced by them was in huge demand because of its high curcumin content. He displayed photographs and gave the details of the planting material distributed free of cost on various occasions to the farmers. The efforts of the university in promotion of the variety was well appreciated by Director DASD, and advised them to develop an export hub for Waigaon variety of Turmeric under the FLD programme proposed this year. Director DASD also suggested them to go for promotion of high curcumin varieties in non-traditional areas. A proposal may be sent to DASD in this regard.

17. Agriculture University, Kota

Dr. Preeti Verma represented the university. She delivered a detailed presentation on the programmes done by them and the reasons of non-implementation of certain components. Director DASD expressed inability to revalidate the unspent balance as the non-implementation of programmes is for the second consecutive year, and advised the PI to initiate action to refund all unspent balances forthwith excluding any amount already spent in the intervening period. Fresh programmes will be allotted as per requirement during the year 2020-21.

18. ICAR- Directorate of Medicinal and Aromatic Plants Research, Anand

Dr. P L Saran represented the university. During his presentation, he explained the noted difference that was visible consequent upon conduct of the FLDs in Aromatic plants and farmers training programmes and stated that implementation of these programmes were a huge success. The pending skill training will be conducted during this year. He requested for one Distillation Unit. Director replied that the request would be considered.

19. Orissa University of Agriculture and Technology, Bhubaneswar.

Dr. S. C. Swain represented the University. The PI delivered a detailed component wise presentation on the achievements of the university during the year. All programmes were implemented and targets achieved except the TOT programmes, which were held up due to the outbreak of the pandemic. The review team appreciated the performance of the university. The minor unspent balances available under the drip irrigation may be refunded to the Directorate. The PI requested for some changes in the programmes earmarked for OUAT for the year, which was agreed to. He also requested for one Distillation unit.

20. Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.

Dr. B. R. Salvi represented the University. He delivered a detailed presentation on the programmes conducted during the year. Though there was unspent balance in many components, almost all components were implemented to a large extent. The PI gave the details of the nurseries established under the MIDH scheme and said that 3 nurseries under the University were accredited by DASD and

are fully functional. Director appreciated the good work done by the University, but reminded him about the huge unspent balance and also a big programme is being earmarked to them for the year 2020-21. The unspent balance was a matter of concern. The PI assured Director that all pending programmes and the ones earmarked for the current year will be implemented this year. He further stated that the non-implementation of the programmes were due to the conduct of elections and later the pandemic.

21. Dr. YSR Horticultural University, Andhra Pradesh

Dr. K Giridhar represented the university. During his presentation, the PI informed that the targets could not be achieved due to floods in the Mahanandi region. Director DASD stated that the implementation of the programmes university has been below par this year, and the matter has been taken up with the hon'ble Vice Chancellor. The huge unspent balance is of serious concern and even in the components implemented, the targets have not been met. The reasons for non-implementation of some components were not justified and it should be ensured that all pending programmes are implemented and targets achieved this year positively. Further, the reports are received late this year, the Utilization Certificate is still not received and so the revalidation of unspent balance is not done. The PI was asked to take suitable steps to ensure proper implementation of the scheme.

Horti Commissioner suggested that as the Anantpur tamarind is having good demand, the planting material production targets may be increased availing assistance from other schemes also. Separate proposal for assistance from NHB for establishing motherblock may also be submitted.

22. University of Horticultural Sciences, Bagalkot.

Dr. D. R. Patil represented the university. He delivered a detailed presentation with photographs of planting material production components and FLDs including micro irrigation facilities and stated that the reason for shortfall in some components were due to heavy rains in the regions and the flood thereafter. This was also the reason for not taking up FLDs Chilli. All the formalities including tendering for construction of Nursery centre was completed and the establishment of the structure will be completed this year. Director DASD stated that notwithstanding the reasons, the huge unspent balance is a matter of concern, and these activities should be completed this year without fail. To a query on conduct of training programmes, the Dr. B N S Murthy, Horticulture Commissioner asked him to explore the possibilities of conducting online trainings.

It was also suggested that Dr. YSRHU, PI may consult UHS Bagalkot for standardizing softwood grafting in tamarind.

23. Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya

Dr. R S Mishra represented the university. He stated that most of the programmes were implemented. As regards, the TOT programmes, the PI stated that funds were drawn for the purpose, but could not implement it due to the lockdown and will be completed this year. The review team requested him to ensure that all pending programmes including the pending nursery centre component is

completed this year without fail. Director DASD told him that some additional programmes allotted to him this year as per their specific request and these may be implemented in a time bound manner and ensure its completion this year itself. The PI requested for skill development training and distillation unit.

24. Sardar Vallabhbhai Patel University of Agri. and Technology, Meerut.

Dr. Manojkumar Singh represented the university. The PI informed the review team that bills are pending for settlement, hence the unspent balance. The review team suggested that the University may take up bigger programmes, and ensure that funds are utilized timely for smooth implementation of the scheme.

25. Indira Gandhi Krishi Vishwavidyalaya, Raipur.

Dr. S S Tuteja, represented the University. There was a detailed presentation by the PI, which included the achievements under the planting material production, details of manufacturing of Aromatic/herbal products and release of publications on Turmeric & aromatic crops production technologies. He informed that there was considerable sale of aromatic products. Director, DASD suggested the PI to include cost benefit details in the success story videos of aromatic plants submitted recently. The unspent balance was in the Turmeric project and skill devp training programme. Director DASD appreciated him for the excellent performance of the university. He also asked the PI to personally monitor the FLD in turmeric project and try to link exporters to the project so that maximum benefit can be earned from the project. Periodic report on implementation of the project may be sent to the Directorate. He requested for one Nursery centre and one skill development training programme.

26. Maharana Pratap University for Agri and Technology, Udaipur

Dr. Abhay Dashora represented the University. All programmes allotted to them were implemented during the year. The PI stated that around 150 Kg of seeds were distributed to the farmers during training programmes for promoting seed spice cultivation. He displayed the set of publications released. The PI requested for one more training programme. Director suggested him to increase his targets and go for bigger programmes. Dr. Gopal lal recommended the PI to take up coriander seed production as the demand for the crop is increasing.

27. ICAR - Central Coastal Agricultural Research Institute, Old Goa

Dr. A. R. Desai represented the institute. The institute had implemented all programmes allotted to them during the year and had no unspent balance. The presentation included variety wise details of planting material components and locations of FLDs conducted along with its achievements. A separate report on the National Seminar conducted during the year was also submitted. Final report and photographs of the project “establishment of FLD of HDP of Bush pepper” implemented at 5 different locations was presented and it was informed that the yield results are promising.

Director DASD appreciated the excellent performance of the Institute. As requested by the PI, Director agreed to revise the cost of production of Bush Pepper in consultation with all stake holders. A meeting of experts may be called upon to

arrive a uniform design and cost norm for hi-tech bush pepper production. The PI requested for funds for upgradation of spice nurseries.

28. Birsa Agricultural University, Jharkhand

Dr. Sanyat Mishra represented the university. The PI delivered a presentation on the programmes implemented by them during the year and informed the review team that all programmes have been implemented fully without any short fall and unspent balance. Director DASD appreciated the PI for the good work. But, asked him to explore possibilities of increasing the targets as there was considerable demand of planting material of Turmeric in Jharkhand and BAU is supposed to cater to this demand. The PI expressed his inability due to shortage of land. It was proposed to take up the issue with the VC of the university.

29. Bidhan Chandra Krishi Viswa Vidyalaya, West Bengal.

Dr. D.K. Ghosh represented the university and delivered a component wise achievement presentation. Almost all programmes were implemented including the TOT programmes. The details of the six training programmes and skill devp training programmes were displayed along with photographs. The success stories on Turmeric planting material production were presented. The District level Seminar was postponed due to the outbreak of the pandemic. Director complimented him for the efforts and asked him to send a copy of the success stories to DASD. The PI requested for one more skill devp training and more FT programmes.

30. ICAR-Central Plantation Crops Research Institute (CPCRI), Kerala.

Dr. Rajkumar & Dr. N. R. Nagaraja represented the Institute. To a query on the unspent balance in almost all the FLDs , the PI replied that all are committed expenditures which will be cleared once covid regulations are removed. It was directed that the feasibility of Cinnamon intercropping in Coconut must be demonstrated and projected among farmers which can add to our efforts to reduce import of cinnamon. Pruning and management of the crop already established at Bhatkal, Pollachi and Kasargod must be done in consultation with the experts. The PI informed that the planting of FLD on dwarf arecanut was not done last year and it will be established in 2020-21. The PI was instructed to utilize all the pending funds this year itself, as further revalidation is not possible.

31. Banda University of Agriculture and Technology, U P.

Dr. B. P. Mishra and Dr. Dheeraj Mishra represented the University. During the presentation, the PI displayed the photographs of planting material production components and farmers training programmes. To a query on the non-implementation of planting material production of Ginger and Turmeric, the PI replied that the planting has been done and it is expected that the allotted targets will be achieved. Director DASD told the PI that a pilot project on Betelvine planting material production is being allotted to the university for Mahoba region this year, and it will be the responsibility of the PI to ensure proper implementation and making the project a success. Periodic reports on the implementation of the project may be submitted to the Directorate. Dr. Gopal lal made a remark on the coriander FLD implemented by the university, that the management was not proper and yield

seems to be less which need to be taken care. The PI requested for additional TOT programmes.

32. Navsari Agricultural University, Gujarat.

Dr. H. P. Patel represented the University. He gave a detailed presentation on the implementation of planting material production components and FT programmes conducted during the year. He informed that the back log under the head FLD in Turmeric could not be utilized and as instructed by DASD the funds have been refunded. The PI expressed his inability in implementing planting material production of Garlic. This component earmarked for the year 2020-21 may be withdrawn.

33. Mahatma Phule Krishi Vidyapeeth, Rahuri.

Dr. Vikram Jhambale represented the University and delivered a detailed presentation on the programmes conducted by them during the year. Regarding the letter from Director DASD on the serious shortfall in planting material production components, the PI informed that the entire area where the crops were sown was flooded due to heavy rains during that period and the crop was fully lost. The endorsement to this effect from the Director of Research was also submitted. To a query from Director DASD, the PI stated that the funds pending under the Nursery Centre component will be utilized this year for sure. He requested for grant of one Distillation unit.

34. SKN Agriculture University, Jobner, Rajasthan

Dr. A C Shivran represented the university. His presentation was on the achievements made under the planting material production of seed spices and FLDs in seed spices. Director DASD informed him that the excess expenditure incurred in the planting material production of Seed spices is not acceptable, and cost norms be adhered to in future. The PI requested for a slight increase in planting material production of seed spices.

35. Central Agricultural University, CHF Pasighat, Arunachal Pradesh

Dr. Pranab jyoti Sharma represented the University. After his presentation, Director DASD remarked that there was unspent balance is almost all components and it should be ensured that all back log is completed this year. The PI gave an assurance in this regard. He requested for one FLD on drip irrigation in Turmeric.

36. ICAR-Indian Institute of Spices Research, Kozhikode

Dr. V Srinivasan represented the Institute. His presentation included the detailed component wise physical and financial achievements for the year. He informed the review team that the unspent balance is mainly in the Establishment of FLD in Black Pepper project. Separate reports on the innovative projects undertaken during the year was given. Director asked the PI to prepare an SOP for disease free Seed production in Ginger combining IDM techniques in ginger, microrhizome technology and biopriming developed by the institute. It was also told to make available the study of varietal authentication in public domain once the results are published. The PI requested for funds for establishment of Nursery

centre for demonstration of vertical farming model, upgradation of spice nursery and continuation of the varietal authentication project.

37. C S Azad University of Agriculture and Technology, Kanpur.

Dr. Sanjiv Kumar Singh represented the University. The PI was asked to submit the revised Annual Progress Report in accordance with the AUC. Dr. Gopal Lal Director, NRCSS made critical comments about the small programmes being undertaken by the esteemed university. The PI was asked to take up more programmes in consultation with the university.

38. Junagadh Agricultural University, Gujarat.

Dr. J. H. Vachhani represented the University. He informed the review team that all the allotted programmes were fully implemented and there is no unspent balance. He displayed the achievements in establishment of FLDs and the details of the FT programmes conducted.

39. University of Agricultural Sciences, Dharwad.

Dr. R. V. Hegde represented the university. He delivered a component wise presentation on the programmes implemented by the university. He informed the review team that a major portion of the unspent balance is in the nursery centre component for which the work has already been initiated. Heavy rainfall during the year has adversely affected the production in planting material production components in many stations of UAS Dharwad. Director DASD expressed concern over the huge unspent balance. The PI gave an assurance that all pending programmes will be completed during the current year. The PI said that there was good demand for planting material of Tamarind coming from Karnataka and Maharashtra and requested for a slight increase in the targets. He also requested to reduce planting material production of Garlic.

40. Dr. Rajendra Prasad Central Agricultural University, Pusa.

Dr. S P Singh represented the University. After his presentation, he informed the review team that the unspent balance is only in the Seed infrastructure component, which will be implemented this year and in planting material production of Turmeric for which the physical targets have been achieved. Director DASD complimented him for the good work and suggested that funds available under this head may be utilized for planting material production of Turmeric during 2020-21.

41. Sardarkrushinagar Dantiwada Agricultural University, Gujarat

Dr. A U Amin and N. R. Patel represented the university. After the presentation, Director DASD expressed serious concern about the non-implementation of programmes and huge unspent balance. He told the PI that the reasons put forward cannot be justified. Considering the reputation of the university in the region, they ought to have implemented the MIDH programmes much better. Dr. Gopal Lal, Director NRCSS too expressed concern over the situation. The PI and Co PI accepted the criticism and assured the review team

42. Agriculture university, Jodhpur.

Dr. M. L. Mehriya represented the University. He delivered a detailed presentation and informed that the targets have been achieved and all components. The unspent balance available in planting material production of Seed spices will be utilized this year. The seed infrastructure component has been implemented and the balance amount refunded to the Directorate. Director DASD complimented the university for the good performance. The PI requested for one skill devp training and more FT programmes.

43. Assam Agricultural University, Jorhat.

Dr. Sanjib Sharma represented the University. The PI delivered the power point presentation on the achievements made under the MIDH scheme during the year. All components have been fully implemented except the skill devp training programme. Director DASD complimented him for the good work and informed him that the Directorate has earmarked a big programme on establishment of FLD in Black Pepper this year to the university. The importance of the project in developing a cluster for export for quality black pepper in NE region was highlighted and the PI was asked to personally monitor the implementation of the project and send periodic reports to the Directorate. The PI thanked the Directorate for granting the project and assured full cooperation in its implementation.

44. Nagaland University, Lumami.

Dr. Kundan Kumar represented the University. He delivered a presentation of the activities done during the year. The Annual Progress Report was submitted only on the date of the Review Meeting. The shortfalls in the achievements were noticed. After discussion, it was decided that the non-implementation of the programmes will be taken up with the Vice Chancellor of the University once again.

45. Jawaharlal Nehru Krishi Viswavidyalaya, Jabalpur

Dr. Brijpal Bisen represented the university. After his presentation, the PI informed the review team that as directed by the Directorate, the balance funds lying with the university will be refunded immediately. The PI was asked to submit the Utilisation certificate and AUC for the year 2019-20 immediately.

Director DASD in his closing address mentioned the following points:

1. Unspent balance of Seminar/Workshop/Farmer's training programme - The balance funds may be utilized for some purpose connected with the event. The balance of unspent funds of seminars/FT must be refunded, if not utilized fully. Any funds being refunded to the Govt of India under MIDH has to be in the name of Director, DASD, Calicut. Detailed report on the programme along with soft copy of photographs (in JPEG format) must be sent to the Directorate.
2. The implementing agencies may ensure that funds of the immediate previous year are only lying unspent with them. Funds of the previous years may be utilized completely, as revalidation of funds left unspent for more than 2 years is not permitted. Revalidated funds of the previous years are to be utilized only for the already approved components and these funds are to be utilised first,

before the current year's funds are used. Year wise details of unspent balance may not be mentioned. Total opening balance, release, expenditure and unspent balance only are to be given in the APR

3. MIDH/NHM logo to be placed at all places where funds under NHM are utilized, such as infrastructure, fields, nursery, seminar, farmer's training etc.
4. All nurseries established under NHM funds from the Directorate should be accredited by DASD. Private /public spice nurseries in contact with the university may be encouraged to take up nursery accreditation.
5. Submission of Audited Utilisation Certificates are mandatory. Therefore, all agencies may ensure submission of the same within 2 years after implementation.
6. The varieties used in multiplication should be declared at the time of proposal itself. Details of planting material distributed is to be intimated to DASD. The reports on planting material production should show the variety of the crop produced. Those varieties which are released in last 10 years are to be given priority for multiplication under the programme.
7. Details of the planting material produced at each centre to be uploaded on the DASD website.
8. Articles, success stories in c/w the conduct of the FLDs, innovative projects, infrastructure development, skill trainings, Seminars etc.to be submitted to the Directorate for publication in journal.
9. Impact of skill development programme, to be intimated to DASD in form of success stories.
10. Refund of funds to DASD - Funds liable to be refunded to DASD may be done only after approval/directions of DASD.

Dr. Femina, Deputy Director, DASD delivered the formal Vote of Thanks.