



CAA5 Programme Schedule

25 November 2015, Wednesday

REGISTRATION 08:00 - 09:30 hrs
Inauguration 09:30 - 11:05 hrs
High Tea 11:10 - 11:45 hrs

TECHNICAL SESSIONS

Symposium Theme Lecture 11:45 -12:15 hrs
GREENING THE ASIAN CAGE AQUACULTURE CONSTRUCT Mohan Joseph Modayil (India)

<p style="background-color: yellow; display: inline-block; padding: 2px;">Session I</p> 12:15 - 16:05 hrs MARINE PRODUCTION SYSTEMS Chairs : Ketut Sugama (Indonesia), C. N. Ravishankar (India)
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<p style="background-color: yellow; display: inline-block; padding: 2px;">Keynote Address</p> 12:15 - 12:35 hrs CAGE AQUACULTURE PROSPECTS IN INDIA Leena Nair (India)			
Lead lectures			
12:35 hrs	AUTOMATION IN CAGE OPERATIONS AND NEW DESIGNS Trond Severinsen (Norway)		
12:50 hrs	DEVELOPMENT OF A VIABLE CAGE FARMING SYSTEM FOR MARINE FINFISH PRODUCTION IN INDIA: THE WAY FORWARD G. Gopakumar (India)		
<p style="background-color: yellow; display: inline-block; padding: 2px;">Lunch & Poster Session</p> 13:05 - 14:05 hrs			
14:05 hrs	PROSPECTS AND CHALLENGES IN SEACAGE FARMING IN TROPICAL ASIA Niels Svennevig (Vietnam)		
14:20 hrs	CAGE CULTURE OF LOBSTERS IN ASIA Clive Jones (Australia)		
14:35 hrs	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">MPS-O 01</td> <td> INNOVATIONS IN CAGE FARMING ALONG THE WEST COAST OF INDIA: A REGIONAL APPROACH Philipose, K.K., Syda Rao, G., Krupesha Sharma, S. R., Jayasree Loka, Senthil Murugan, T., Vaidya, N. G., Sonali S. Mhaddolkar, Srinivasa Rao, K. and Praveen Dube </td> </tr> </table>	MPS-O 01	INNOVATIONS IN CAGE FARMING ALONG THE WEST COAST OF INDIA: A REGIONAL APPROACH Philipose, K.K. , Syda Rao, G., Krupesha Sharma, S. R., Jayasree Loka, Senthil Murugan, T., Vaidya, N. G., Sonali S. Mhaddolkar, Srinivasa Rao, K. and Praveen Dube
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15:15 hrs	MPS-O 05	PRELIMINARY STUDY ON CAGE CULTURE OF COBIA <i>RACHYCENTRON CANADUM</i> IN THE GULF OF MANNAR, THOOTHUKUDI, TAMIL NADU Felix, N. , Balamurugan, U. and Arasamuthu, A.
15:25 hrs	MPS-O 06	CULTURE OF JUVENILE SPINY LOBSTER <i>PANULIRUS POLYPHAGUS</i> IN OPEN SEA CAGES IN MAHARASHTRA Veerendra Veer Singh , Imelda Joseph, Anulekshmi Chellappan, Punam A. Khandagale, Nilesh A. Pawar, Vaibhav D. Mhatre, Thakur Das, Ramkumar, S. and Purushottama, G. B.
15:35 hrs	MPS-O 07	GROWTH OF HATCHERY PRODUCED GREEN MUSSEL SPAT INTEGRATED WITH FINFISH CULTURE IN OPEN SEA CAGE: IMPLICATIONS FOR INTEGRATED MULTITROPHIC AQUACULTURE (IMTA) Laxmilatha, P. , Pattnaik, P., Prasada Rao, M. and Ritesh Ranjan
15:45 hrs	MPS-O 08	ADVANCES MADE BY RGCA IN CAGE FARMING OF COBIA <i>RACHYCENTRON CANADUM</i> IN INDIA Johnson D' Cruz , Damodar, P. N. and Thampi Sam Raj, Y. C.
Session Conclusion 15:55 – 16:05 hrs		
TEA BREAK 16:05 – 16:15 hrs		

Session II 16:15 – 18:30 hrs INLAND PRODUCTION SYSTEMS Chairs: Alice Ferrer (Philippines), J. K. Jena (India)
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Keynote Address 16:15 - 16:35 hrs ENCLOSURE AQUACULTURE IN INLAND WATERS OF INDIA V. V. Sugunan (India)	
Lead lectures	
16:35 hrs	RESPONSIBLE CAGE FISH FARMING: INTEGRATED APPROACHES K. G. Padmakumar (India)
16:50 hrs	CAGE AQUACULTURE IN INLAND OPEN WATERS OF INDIA: RETROSPECT AND PROSPECT A. K. Das (India)
17:05 hrs	CAGE AQUACULTURE IN RESERVOIRS: THE INDIAN EXPERIENCE Uttam Kumar Subuddhi (India)

17:20 hrs	IPS-O 01	PRESENT STATUS, POTENTIAL AND PROSPECTS OF CAGE CULTURE FOR FISHERIES ENHANCEMENT IN INDIAN RESERVOIRS Sharma, A. P., Sarkar, U. K. , Mishal P., Karnatak, G. and Das, A. K.
17:30 hrs	IPS-O 02	CAGE CULTURE OF CATFISH <i>PANGASIANODON HYPOPHthalmus</i> IN KRISHNARAJASAGAR RESERVOIR, KARNATAKA: A CASE STUDY Krishna Rao, D. S. , Ramakrishna, N.R., Nagaraju, P., Ramakrishna, Jagadeesh, B.R. and Karthikeyan, M.
17:40 hrs	IPS-O 03	EFFECT OF STOCKING DENSITY ON GROWTH OF <i>TOR KHUDREE</i> FINGERLINGS IN FLOATING CAGES IN THE KERWA RESERVOIR, MADHYA PRADESH Uttam Kumar Subuddhi , Rajesh Kumar Choudhary, Nirmal Biswas, Archan Kanti Das and Rohan Kumar Raman
17:50 hrs	IPS-O 04	PROSPECTS FOR CAGE CULTURE OF THE EXOTIC CARP <i>BARBONYMUS GONIONOTUS</i> IN A FRESHWATER COMPOSITE FISH FARMING SYSTEM IN BIRBHUM DISTRICT, WEST BENGAL Das, B. K. , Roy, A. K., Rout, S. K., Trivedi, R. K., Chowdhury, S. and Sahu, S.
18:00 hrs	IPS-O 05	CAGE CULTURE OF GROUPERS IN PROTECTED BAYS AND CREEKS OF THE ANDAMANS Dam Roy, S. , Krishnan, P., Kamal Sarma, Grinson George, Murugesan, S. and Benny Varghese
18:10 hrs	IPS-O 06	CAGE CULTURE AS A NEW AVOCATION FOR WOMEN EMPOWERMENT : A CASE STUDY Shoji Joseph , Imelda Joseph and Boby Ignatius
Session Conclusion 18:20– 18:30 hrs		
Cultural Programme Followed By Dinner 19:00 hrs		

26 November 2015, Thursday

Session III

09:30 - 11:55 hrs

BREEDING AND SEED PRODUCTION

Chairs: Niels Svennevig (Vietnam), S. D. Tripathi (India)

Keynote Address 09:30 - 09:50 hrs

RECENT ADVANCES IN BREEDING & SEED PRODUCTION OF MARINE FINFISH G. Gopakumar (India)

Lead lectures

09:50 hrs	CAGE AQUACULTURE IN ASIA: CAN LESSONS BE LEARNED FROM THE NORWEGIAN SALMON STORY? Asmund Bjordal (Norway)
10:05 hrs	CAGE AQUACULTURE IN INDONESIA Ketut Sugama (Indonesia)
10:20 hrs	APPLICATIONS OF NEXT GENERATION SEQUENCING IN CAGE FARMED FISH C. N. Ramchand (India)

10:35 hrs	BS-O 01	HATCHERY SEED PRODUCTION AND CAGE FARMING OF TIGER GROUPEP <i>EPINEPHELUS FUSCOGUTTATUS</i> IN ANDAMAN AND NICOBAR ISLANDS Thinesh Santhar, D., Vijayakumar, S. and Thampi Sam Raj, Y. C.
10:45 hrs	BS-O 02	DEVELOPMENT OF LOW COST RECIRCULATORY SYSTEM FOR MARINE FINFISH BROODSTOCK MATURATION Ritesh Ranjan, Biji Xavier, Sekar Megarajan, Biswajit Dash and Shubhadeep Ghosh
10:55 hrs	BS-O 03	ADVANCES MADE BY RGCA IN BREEDING AND SEED PRODUCTION OF COBIA <i>RACHYCENTRON CANADUM</i> Dhandapani, K., Johnson D' Cruz and Thampi Sam Raj, Y. C.
TEA BREAK 11:05 - 11:15 hrs		
11:15 hrs	BS-O 04	MICRON MESHED CAGES FOR NURSERY REARING OF HATCHERY PRODUCED GREEN MUSSEL <i>PERNA VIRIDIS</i> SPAT Anil, M. K., Mary Rinju, R., Raju, B., Hillary, P. and Leslie, V. A.
11:25 hrs	BS-O 05	DOMESTICATION AND BROODSTOCK DEVELOPMENT OF ORANGE SPOTTED GROUPEP <i>EPINEPHELUS COIODES</i> IN LAND BASED RECIRCULATORY SYSTEMS Biji Xavier, Ritesh Ranjan, Sekar Megarajan, Biswajit Dash, Loveson Edward and Shubhadeep Ghosh
11:35 hrs	BS-O 06	SATELLITE NURSERY REARING OF ASIAN SEABASS <i>LATES CALCARIFER</i> : BRIDGING THE GAP BETWEEN HATCHERY AND THE FARMER Kailasam, M., Krishna Sukumaran, Aritra Bera, Makesh, M., Babita, M., Rekha, M. U., Prem Kumar, Gouranga Biswas, Subburaj, R., Thiagarajan, G. and Vijayan, K. K.
Session Conclusion 11:45 - 11:55 hrs		

Session IV

12:05 - 14:55 hrs

NUTRITION AND FEED

Chairs: Kristoffer Lunde (Norway), G. Gopakumar (India)

Keynote Address 12:05 - 12:25 hrs

INDIAN AQUACULTURE FEED INDUSTRY & ITS SUPPORT TO CAGE FARMING P. E. Vijay Anand (India)

Lead lectures

12:25 hrs	GLOBAL SCENARIO OF FEED AND NUTRITION IN CAGE CULTURE Kristoffer Lunde (NORWAY)
12:40 hrs	APPLICATION OF MICRO-FEEDS IN MARINE FINFISH CULTURE IN VIETNAM Nguyen Huu Dung (Vietnam)

12:55 hrs	NF-O 01	DIETARY PHOSPHORUS REQUIREMENT OF JUVENILE CARP <i>CYPRINUS CARPIO</i> FED GRADED LEVELS OF MAGNESIUM HYDROGEN PHOSPHATE Kim, J. D., Yoon, H., Lee, D. H., Won, S. G. and Ra, C. S.
Lunch & Poster Session 13:05 – 14:05 hrs		
14:05 hrs	NF-O 02	EVALUATION OF BREWERY WASTE BASED FEEDS ON GROWTH, FEED UTILIZATION AND BODY COMPOSITION OF CAGE REARED STRIPED CATFISH <i>PANGASIANODON HYPOPHthalmus</i> IN A TROPICAL RESERVOIR IN MAITHON, JHARKHAND Hassan, M.A., Md. Aftabuddin, Meena, D. K., Mishal, P., Dasgupta, S. and Sharma, A. P.
14:15 hrs	NF-O 03	PRECISION DRONE ALGORITHM FOR FEED DELIVERY IN SEA CAGES Reshma, B., Rahul, B., Rishi Sreedhar, Muhsina Latheef and Ratnabhai, U.
14:25 hrs	NF-O 04	EVALUATION OF BREWERS SPENT GRAIN AS FEED INGREDIENT IN DIETS OF GIFT TILAPIA CULTURED IN RESERVOIR CAGES Felix, N. and Rajesh Kumar
14:35 hrs	NF-O 05	EFFECT OF <i>GRACILARIA</i> SAP SUPPLEMENTATION ON GROWTH, PROXIMATE COMPOSITION AND HEMATOLOGICAL PARAMETERS OF <i>LABEO ROHITA</i> Vikas Kumar, Sharad R. Surnar, Sharma, O. P., Saini, V. P., Ekta Singh and Aman Singh
Session Conclusion 14:45 – 14:55 hrs		

Session V
15:00 – 17:15 hrs
HEALTH AND ENVIRONMENT MANAGEMENT
Chairs: Asmund Bjordal (Norway), K. K. Vijayan (India)

Keynote Address 15:00 - 15:20 hrs
FISH HEALTH : A NORWEGIAN EXPERIENCE
Brit Hjeltnes (Norway)

Lead lectures	
15:20 hrs	USE OF REMOTE SENSING IN THE CONTEXT OF CAGE AQUACULTURE Trevor Platt (UK)
15:35 hrs	FISH HEALTH MANAGEMENT IN CAGE AQUACULTURE K. K. Vijayan (India)
15:50 hrs	MICROBIAL DISEASES OF ASIAN SEABASS <i>LATES CALCARIFER</i> Indrani Karunasagar (India)
16:05 hrs	DISEASES OF GROUPERS IN SEA CAGE CULTURE IN INDONESIA Murwantoko (Indonesia)

TEA BREAK 16.20 – 16.30 hrs

16:30 hrs	HE-O 01	UTILIZING SATELLITE REMOTE SENSING DATA AND OCEANOGRAPHIC INFORMATION FOR IDENTIFYING CAGE AQUACULTURE SITES AND SCHEDULING CAGE MAINTENANCE Grinson George, Phiros Shah, Mohammed Shafeeqe, Trevor Platt and Shubha Sathyendranath
16:40 hrs	HE-O 02	EXPERIMENTAL STUDIES ON COMMUNITY STRUCTURE AND SUCCESSION OF FOULERS ON CAGES IN VIZHINJAM BAY, KERALA Santhosh, B., Anil, M. K., Vinod, K., Rani Mary George, Jasmine, S., Unnikrishnan, C., Jose Kingsley, H., Hillary, P., Udyakumar, A. and Benziger, V. P.
16:50 hrs	HE-O 03	OUTBREAK OF <i>VIBRIO ALGINOLYTICUS</i> INFECTION IN COBIA <i>RACHYCENTRON CANADUM</i> CULTURED IN FLOATING CAGES Rameshkumar, P., Abdul Nazar, A. K., Jayakumar, R., Pradeep, M. A., Kalidas, C., Tamilmani, G., Amir Kumar Samal, Anikuttan, K. K., Rajendran, P. and Sirajudeen, S.
17:00 hrs	HE-O 04	NON-SPECIFIC IMMUNE RESPONSE IN MUD CRAB <i>SCYLLA SERRATA</i> INDUCED BY CELLS OR LIPOPOLYSACCHARIDE EXTRACTS FROM <i>ALTERMONAS STELLIPOLARIS</i> STRAIN ANT82 Jigang Chen and Jifang Yang
17:10 hrs	HE-O 05	HYDROBIOLOGICAL INVESTIGATIONS DURING CAGE CULTURE OF STRIPED CATFISH <i>PANGASIANODON HYPOPHthalmus</i> IN SARODA SAGAR RESERVOIR, CHATTISGARH Ranjan K. Manna, Dharmendra K. Meena, Suman Kumari, Subrata Das, Subhendu Mandal, Sarkar, U. K. and Sharma, A. P.

Session Conclusion 17:20 – 17:30 hrs

Cultural Programme Followed By Dinner at CMFRI Campus
18:30 hrs

27 November 2015, Friday

Session VI

09:30 – 12:55 hrs

ECONOMICS, LIVELIHOOD AND POLICIES

Chairs: Clive Jones (Australia), P. S. B. R. James (India)

Keynote Address 09:30 - 09:50 hrs

AQUACULTURE GOVERNANCE: BALANCING INCREASED FOOD PRODUCTION AND ENVIRONMENTAL SUSTAINABILITY

Marius Dalen (Norway)

Lead lectures

09:50 hrs		AQUACULTURE POLICY AND LEGISLATION IN INDIA P. Ravichandran (India)
10:05 hrs		INSTITUTIONAL CREDIT SUPPORT FOR CAGE AQUACULTURE IN INDIA: POLICY INTERVENTIONS K. Palanisamy (India)
10:20 hrs		CAGE AQUACULTURE IN INDIA: LEGAL PERSPECTIVES Jacob Joseph (India)
10:35 hrs	EL-O 01	MARINE CAGE FARMING TO EMPOWER FISHERMEN SELF HELP GROUPS IN INDIA: A PERSPECTIVE Philippose, K. K., Jayasree Loka, Senthil Murugan, T., Krupesha Sharma, S. R., Vaidya N. G., Sonali, S. Mhaddolkar, Srinivasa Rao, K. and Praveen Dube
10:45 hrs	EL-O 02	INFORMATION SOURCE UTILISATION BY FARMERS INVOLVED IN CAGE CULTURE OF FINFISHES: A STUDY IN COASTAL KARNATAKA Swathi Lekshmi, P. S., Prathibha Rohit, Dineshbabu, A. P., Sujitha Thomas, Rajesh, K.M. and Geetha Sasikumar
10:55 hrs	EL-O 03	CAGE AQUACULTURE : A TOOL FOR PARTICIPATORY MANAGEMENT OF COASTAL WATERS AND FISH STOCKS Joe K. Kizhakudan, Geetha, R., Ponniah, R. and Sundar, R.
TEA BREAK 11:05 – 11:15 hrs		
11:15 hrs	EL-O 04	TECHNO-ECONOMIC VIABILITY OF OPEN SEA CAGE FARMING OF COBIA <i>RACHYCENTRON CANADUM</i> UNDERTAKEN BY A FISHERMEN SELF HELP GROUP Abdul Nazar, A. K., Jayakumar, R., Tamilmani, G., Sakthivel, M., Rameshkumar, P., Amir Kumar Samal, Johnson, B. and Gopakumar, G.
11:25 hrs	EL-O 05	WOMEN EMPOWERMENT THROUGH AQUA CULTURE IN INDIA: STRENGTHS AND WEAKNESSES Kripa, V., Mohamed, K. S., Jagadis, I., Jenni, B., Alloyicious, P. S. and Linoy Libini
11:35 hrs	EL-O 06	OPEN SEA CAGE CULTURE IN INDIA: POLICY REQUIREMENTS AND OPPORTUNITIES Shyam S. Salim, Philippose, K. K., Imelda Joseph, Bobby Ignatius and Abdul Nazar, A. K.
11:45 hrs	EL-O 07	EMPOWERMENT OF SIDI ADIVASI TRIBES THROUGH SEA CAGE FARMING TECHNOLOGY Mohammed Koya, K., Sreenath, K. R., Gyanranjan Dash, Swatipriyanka Sen, Vinaya Kumar Vase, Divu, D., Suresh Kumar Mojjada and Mahendrakumar D. Fofandi
11:55 hrs	EL-O 08	CAGE CULTURE OF PEARLSPOT <i>ETROPLUS SURATENSIS</i> FOR LIVELIHOOD ENHANCEMENT OF THE FISHERWOMEN OF CENTRAL KERALA Daisy C. Kappen, Madhusoodana Kurup, B., Mohanakumaran Nair, C., Raju, M. S., Dinesh, K., Salin, K. R. and Saneer, N. S.
12:05 hrs	EL-O 09	GENDER MAINSTREAMING AND IMPACT OF SELF HELP GROUPS ON CAGE FARMING IN VEMBANAD LAKE : A CASE STUDY Vipinkumar, V. P., Bobby Ignatius, Pushkaran, K. N., Harshan, N. K. and Athira, P. V.
12:15 hrs	EL-O 10	COMMUNITY BASED FISH CAGE CULTURE: AN EMPLOYMENT GENERATION OPTION FOR RURAL YOUTH AT PALASAWADA AND KADAVAI VILLAGES IN MAHARASHTRA Chavan, B. R., Singh, H., Pai, R. and Mahadkar, U. V.
12:25 hrs	EL-O 11	ADOPTION OF CMFRI TECHNOLOGY FOR SEA CAGE FARMING: A SUCCESS STORY FROM RAMANATHAPURAM DISTRICT, TAMIL NADU Johnson B., Abdul Nazar, A. K., Jayakumar, R., Tamilmani, G., Rameshkumar, P. and Gopakumar, G.
12:35 hrs	EL-O 12	SMALL SCALE CAGE FARMING INITIATIVES IN KARNATAKA: A CASE OF SUCCESSFUL TECHNOLOGY ADOPTION LEADING TO RURAL LIVELIHOOD TRANSFORMATION Sujitha Thomas, Dineshbabu, A. P., Rajesh, K. M., Prathibha Rohit, Swathi Lekshmi, P. S. and Nataraja, G. D.

Session Conclusion 12:45 – 12:55 hrs

Lunch & Poster Session 13:00 – 14:00 hrs

Plenary Session 14:00 – 15:00 hrs

Valediction 15:00 – 16:00 hrs

POSTER SESSIONS

I. MARINE PRODUCTION SYSTEMS

(MPS-P 01 TO MPS-P 19)

25 November 2015, Wednesday

13:05 – 14:05 hrs

MPS-P 01	HDPE SEA CAGE CULTURE SYSTEMS FOR ANDAMAN ISLANDS, INDIA Thinesh Santhar, D. , Vijayakumar, S. and Thampi Sam Raj, Y.C.
MPS-P 02	GROWTH RATE OF COBIA <i>RACHYCENTRON CANADUM</i> IN RELATION TO CAGE ENVIRONMENT IN A MARINE CAGE FARM OFF KARWAR, KARNATAKA : A CASE STUDY Philipose, K. K. , Jayasree Loka, Krupesha Sharma, S. R., Senthil Murugan, T., Vaidya, G. N., Sonali S. Mhaddolkar, Srinivasa Rao, K. and Praveen Dube
MPS-P 03	SEA CAGE CULTURE OF COBIA <i>RACHYCENTRON CANADUM</i> THROUGH PARTICIPATORY MODE AT MANDAPAM, TAMIL NADU Kalidas, C. , Rameshkumar, P., Tamilmani, G., Johnson, B., Jayakumar, R., Anbarasu, R., Rajendran, P. and Abdul Nazar, A. K.
MPS-P 04	IDENTIFICATION OF POTENTIAL SITES FOR SEA FARMING ALONG THE COAST OF MAHARASHTRA USING REMOTE SENSING DATA Shirdhankar M. M. , Thakare, A. U., Patil, S. V., Tibile, R. M., Pokshe, S. P., Sing, H. D., Mini Raman and Prakash Chauhan
MPS-P 05	GROWTH PERFORMANCE OF POMPANO <i>TRACHINOTUS BLOCHII</i> IN TWO FARMING ENVIRONMENTS Boby Ignatius and Shoji Joseph
MPS-P 06	POMPANO (<i>TRACHINOTUS BLOCHII</i>) FARMING: AN INTERMEDIATE CROP IN COASTAL HYPER-SALINE SHRIMP PONDS IN GUJARAT Vinaya Kumar Vase , Divu, D., Sreenath, K. R., Gyanranjan Dash, Mahendra Kumar Fofandi, Suresh Kumar Mojjada and Mohammed Koya, K.
MPS-P 07	COMPARATIVE EVALUATION OF GROWTH PERFORMANCE IN ASIAN SEABASS <i>LATES CALCARIFER</i> IN SEAWATER AND FRESHWATER Karnatak, G. , Vikash Kumar, Philipose, K. K., Mishal, P. and Sharma, A. P.
MPS-P 08	DEMONSTRATION OF HIGH VALUE PALINURID LOBSTER CULTURE IN SMALL SCALE CAGE HOLDINGS IN RAIGAD DISTRICT OF MAHARASHTRA Veerendra Veer Singh , Ramkumar, S., Nilesh, A. Pawar, Punam A. Khandagale, Vaibhav D. Mhatre, Thakur Das, Umesh H. Rane and Purushottama, G. B.
MPS-P 09	CAPTURE BASED AQUACULTURE OF LOBSTERS IN OPEN SEA CAGES: SUSTAINABLE USE OF NATURAL RESOURCES Divu, D. , Suresh Kumar Mojjada, Gyanranjan Dash, Sreenath, K. R., Vinay Kumar Vase, Mahendra Kumar Fofandi and Mohammed Koya, K.
MPS-P 10	GROW-OUT CULTURE OF LOBSTERS IN WOODEN NET CAGES AT THOOTHUKUDI, TAMIL NADU Kalidas, C. , Ranjith, L., Kavitha, M., Sekar V. Rayar, Jesuraj, N. and Madan, M. S.
MPS-P 11	SUITABILITY OF THE BIGEYE TREVALLY <i>CARANX SEXFASCIATUS</i> FOR CAGE AQUACULTURE IN COASTAL WATERS Rajesh, K. M. , Prathibha Rohit, Dineshbabu, A. P., Sujitha Thomas, Swathilekshmi, P. S. and Nataraja, G. D.
MPS-P 12	INDIAN HALIBUT <i>PSETTODES ERUMEI</i> : A NEW RESOURCE FOR GROW-OUT CULTURE IN INDIA Rekha J. Nair , Gopalakrishnan, A., Somy Kuriakose and Zacharia, P. U.
MPS-P 13	ENHANCEMENT OF SPINY LOBSTER PRODUCTION BY CAGE CULTURE: A NEW HORIZON FOR TRADITIONAL LOBSTER FISHERY IN INDIA Saleela, K. N. , Anil, M. K. Santhosh, B., Radhakrishnan, E. V. Unnikrishnan, C. and Raju, B.
MPS-P 14	LOW COST CAPTURE BASED MULTISPECIES CULTURE SYSTEM FOR COASTAL WATERS OFF GOA Manju Lekshmi, N. , Sreekanth, G. B., Pandey, P. K. and Singh, N.P.
MPS-P 15	CAGE AS A TOOL TO VALIDATE GROWTH PARAMETERS OF OIL SARDINE AND INDIAN MACKEREL Pralaya Ranjan Behera , Shubhadeep Ghosh, Hanumantha Rao, M. V. and Biswajit Dash
MPS-P 16	CAGE CULTURE OF THE PACIFIC WHITE SHRIMP <i>LITOPENAEUS VANNAMEI</i> AT HIGH STOCKING DENSITY IN A CREEK IN ANDHRA PRADESH Sekar Megarajan , Ritesh Ranjan, Biji Xavier, Pattnaik, P., Biswajit Dash and Shubhadeep Ghosh
MPS-P 17	SITE SELECTION FOR OPEN SEA CAGE CULTURE USING SPATIAL ANALYTICS Mini K. G. , Grinson George, Jayasankar, J., Sathianandan, T. V., SomyKuriakose and Phiros Shah
MPS-P 18	MATHEMATICAL MODELLING OF SEA CAGE DYNAMICS Sreenath, K. R. , Rahul, B., Gyanranjan Dash, Divu, D., Mohammed Koya, K., Swatipriyanka Sen, Vinay Kumar Vase, Suresh Kumar Mojjada, Mahendra Kumar Fofandi, Sonia Kumari and Makwana, N. P.
MPS-P 19	DESIGN AND DEVELOPMENT OF AN EFFECTIVE LOW COST FLOATING SEED CAGE SUITABLE FOR NURSERY REARING OF ASIAN SEABASS, <i>LATES CALCARIFER</i> Biswajit Dash , Ritesh Ranjan, Shubhadeep Ghosh, G.Maheswarudu, Biji Xavier, Sekar Megarajan, Madhumita Das, Loveson Edward and Balaram Dandapat

II. INLAND PRODUCTION SYSTEMS

(IPS-P 01 TO IPS-P 12)

25 November 2015, Wednesday

13:05 – 14:05 hrs

IPS-P 01	ENGINEERING COMPONENTS FOR CAGE FARMING IN INLAND OPEN WATERS OF INDIA Das, A. K., Sharma, A. P., Vikash Kumar, Sarkar, U. K. and Philipose, K. K.
IPS-P 02	CAGE CULTURE FOR REARING FISH FINGERLINGS IN RESERVOIRS Kiran Dube, Kohli, M. P. S., Langer, R.K., Chandra Prakash, Neelam Saharan, Tiwari, V. K., Latha Shenoy, Reddy, A. K. and Lakra, W. S.
IPS-P 03	EFFECT OF ARTIFICIAL SUBSTRATES ON THE GROWTH OF <i>MACROBRACHIUM ROSENBERGII</i> IN FLOATING NET CAGES Mitesh H. Ramteke, Kiran Dube, Reddy, A. K., Tiwari, V. K. and Raju, K. D.
IPS-P 04	SCOPE FOR ENHANCING RESERVOIR FISHERIES PRODUCTIVITY IN UTTAR PRADESH THROUGH CAGE CULTURE Peyush Punia, P. S.
IPS-P 05	SURVIVAL AND REARING OF HILSA <i>TENUALOSA ILISHA</i> IN FLOATING CAGES AT UKAI RESERVOIR, GUJARAT Biswajit Dash, Ritesh Ranjan, Shubhadeep Ghosh and Suresh, V. R.
IPS-P 06	DENSITY DEPENDENT GROWTH, SURVIVAL AND LACTATE DEHYDROGENASE ACTIVITY IN GOLDEN MAHSEER FRY REARED IN FLOATING CAGES Akhtar, M. S., Sarma, D., Pandey, N. N., Mallik, S. K., Haldar, R. S., Kumar, S. and Singh, A. K.
IPS-P 07	CAGE CULTURE OF MILK FISH <i>CHANOS CHANOS</i> IN A BRACKISHWATER POND AT KOCHI, KERALA Imelda Joseph and Sarimol, C. N.
IPS-P 08	CAGE CULTURE OF SEABASS <i>LATES CALCARIFER</i> IN BRACKISHWATER FISH PONDS AT KAKINADA, ANDHRA PRADESH Pedapoli Sandeep, Guguloth Balaji, Kurva Raghu Ramudu and Chamundeswari Devi, B.
IPS-P 09	ASIAN SEABASS <i>LATES CALCARIFER</i> AS THE MOST PROMISING CANDIDATE SPECIES FOR CAGE CULTURE IN BRACKISHWATER IN KERALA Imelda Joseph, Bobby Ignatius and Shoji Joseph
IPS-P 10	TRIMMING OF CHELIPED LEGS REDUCES CANNIBALISM AND INCREASES SURVIVAL IN GREEN MUDCRAB <i>SCYLLA SERRATA</i> REARED IN CAGE SYSTEM Shyne Anand, P. S., Balasubramanian, C. P., Panigrahi, A., Christina, L., Gopal, C., Ghoshal, T. K. and Vijayan, K. K.
IPS-P 11	SUSTAINABLE INTENSIFICATION OF PRODUCTION FROM POKKALI FARMING SYSTEM THROUGH CAGE FARMING Vikas, P. A., Shinoj Subramanian, John Bose and Zacharia, P. U.
IPS-P 12	SCOPE OF LOW VOLUME CAGES IN OPENWATER BRACKISHWATER FINFISH AQUACULTURE Krishna Sukumaran, Kailasam, M., Makesh, M., Gauranga Biswas, Prem Kumar, Aritra Bera, Babita Mondal, Rekha, M. U., Subburaj, R., Thiagarajan, G. and Vijayan, K.K.

III. BREEDING AND SEED PRODUCTION

(BS-P 01 TO BS-P 07)

26 November 2015, Thursday

13:05 – 14:05 hrs

BS-P 01	STATUS AND WAY FORWARD IN MARINE FINFISH SEED PRODUCTION FOR SEA CAGE FARMING IN INDIA Gopakumar, G., Abdul Nazar, A. K. and Jayakumar, R.
BS-P 02	INDUCED MATURATION AND SPAWNING OF <i>LUTJANUS ARGENTIMACULATUS</i> IN OPEN SEA CAGE IN THE ARABIAN SEA Madhu, K., Rema Madhu, Rethesh, T., Tinto, T., Venugopalan, K. M. and Mohandas, M. P.
BS-P 03	QUALITY SEED : INNOVATIVE HATCHERY DESIGN FOR HEALTHY FARMING OF <i>MUGIL CEPHALUS</i> Sharad R. Surnar, Aman Singh, Vikas Kumar, Kiran Waghmare, Mangesh Bhosle and Ekta Singh
BS-P 04	CAPTIVE BREEDING OF LEMON DAMSEL FISH <i>POMACENTRUS MOLUCCENSIS</i> IN ANDAMAN AND NICOBAR ISLANDS Raymond Jani Angel, J., Anuraj A., Saravanan, K., Benny Varghese, Kiruba Sankar, R. and Dam Roy, S.
BS-P 05	CAPTIVE BREEDING OF SKUNK CLOWNFISH <i>AMPHIPRION AKALLOPISOS</i> IN ANDAMAN AND NICOBAR ISLANDS Anuraj, A., Raymond Jani Angel, J., Saravanan, K., Venkatesh, R., Thakur, K., Lohith Kumar, Kiruba Sankar, R. and Dam Roy, S.
BS-P 06	GENETIC STOCK STRUCTURE INVESTIGATIONS ON <i>METAPENAEUS DOBSONI</i> FROM INDIAN COAST USING MITOCHONDRIAL ATPASE 6/8 GENES Francis, K. X., Sandhya Sukumaran, Wilson Sebastian and Gopalakrishnan, A.

BS-P 07	CAPTIVE MATURATION OF ASIAN SEA BASS <i>LATES CALCARIFER</i> IN OPEN SEA FLOATING CAGES AT VISAKHAPATNAM, ANDHRA PRADESH Biswajit Dash , Ritesh Ranjan, Biji Xavier, Loveson Edward, Humanantha Rao, M. V., Shubhadeep Ghosh and Maheshwarudu, G.
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IV. NUTRITION AND FEED

(NF-P 01 TO NF-P 13)

26 November 2015, Thursday

13:05 – 14:05 hrs

NF-P 01	EFFICACY OF FORMULATED FEEDS ON GROWTH AND BODY COMPOSITION OF <i>ETROPLUS SURATENSIS</i> REARED IN CAGES Sayooj, P. , Vijayagopal, P. and Vijayan, K.K.
NF-P 02	GROWTH RESPONSE OF SPINY LOBSTER <i>PANULIRUS HOMARUS</i> FED ON FORMULATED EXPERIMENTAL DIETS UNDER CONFINEMENT Saleela, K. N. , Beena Somanath and Palavesam, A.
NF-P 03	SODIUM/IODIDE SYMPORTER CLONING AND EXPRESSION RESPONSE TO DIETARY POTASSIUM IODIDE INCLUSION IN YELLOW CATFISH <i>PELTEOBAGRUS FULVIDRACO</i> Youling Gao , Chunling Wang, Chutian Ge and Guoying Qian
NF-P 04	GROWTH AND PLASMA DISTRIBUTION OF PHOSPHORUS AND MAGNESIUM IN FAR EASTERN CAT FISH <i>SILURUS ASOTUS</i> FED GRADED MAGNESIUM HYDROGEN PHOSPHATE Kim, J. D. , Yoon, T. H., Lee, D. H., Won, S. G. and Ra, C. S.
NF-P 05	SUITABILITY OF CYCLOPOID COPEPOD <i>DIACYCLOPS</i> SP. FROM KARWAR WATERS AS A POTENTIAL LIVE FEED FOR LARVAL REARING OF MARINE FINFISH AND SHELLFISH Jayasree Loka , Sonali, S. Mhaddolkar, Purbali Saha, Santhosh, B. and Philipose, K.K.
NF-P 06	BACTERIAL FLORA OF ROTIFERS FED WITH DIFFERENT MICROALGAL DIETS IN OUTDOOR MASS CULTURE TANKS Jayasree Loka , Sonali, S. Mhaddolkar, Purbali Saha and Philipose, K.K.
NF-P 07	GROWTH AND FEEDING PERFORMANCE OF SEA URCHIN <i>SALMACIS VIRGULATA</i> IN AN INDOOR MINI-CAGE GROW-OUT SYSTEM Raju Saravanan , Jawahar, P., Francis, T., Ahilan, B., Santhakumar, P., Chandrasekar, S., Syed Sadiq, I., Shanmuganathan, A. and Abdul Nazar, A. K.
NF-P 08	BIOENCAPSULATION OF <i>ARTEMIA</i> NAUPLII USING MEDICINAL PLANTS FOR GROWTH PROMOTION IN <i>DANIO RERIO</i> FRY Teepica Priya Darsini Deivamarudachalam and Srinivasan Ponnuraj
NF-P 09	TOXIC IMPACT OF COALMINE EFFLUENT ON NUTRITIONALLY IMPORTANT BIOMOLECULES IN DIFFERENT ORGAN SYSTEMS OF THE CATFISH <i>CLARIAS BATRACHUS</i> Kalpana C. Lakra and Banerjee, T. K.
NF-P 10	MICROALGAL DIVERSITY IN A TROPICAL ESTUARINE ECOSYSTEM WITH SPECIAL REFERENCE TO ITS POTENTIAL USE IN FINFISH AND SHELLFISH LARVICULTURE Sandeep, K. P. , Sivaramakrishnan, T., Ambashankar, K., Syama Dayal, J., Balasubramanian, C. P. and Kumaraguru Vasangam, K. P.
NF-P 11	EFFECT OF BIOFLOC ON GROWTH, PROXIMATE COMPOSITION AND DIGESTIVE ENZYME ACTIVITIES OF <i>ETROPLUS SURATENSIS</i> Anjali, P. Thilakan , Manju Lekshmi, N., Sreekanth, G. B., Singh, N. P., Ratheesh Kumar, R. and Pandey, P. K.
NF-P 12	EFFICACY OF <i>CHAETOCEROS CALCITRANS</i> ENRICHED <i>ARTEMIA SALINA</i> , <i>BACILLUS STRATOSPHERICUS</i> (AMET1601) AND NITRIFIER BACTERIAL CONSORTIUM AS PROBIOTICS IN <i>LITOPENAEUS VANNAMEI</i> CULTURE Karthik, R., Gokulalakshmi, E. , Angelin C. Pushpam and Vanitha, M.C.
NF-P 13	IMPROVED GROWTH AND REDUCED CANNIBALISM IN ASIAN SEABASS <i>LATES CALCARIFER</i> FED WITH ESTRADIOL ENRICHED FEED Aritra Bera , Babita Mandal, Krishna Sukumaran, Makesh, M. Subburaj, R., Thiagarajan, G., Rajababu, D. and Kailasam, M.

V. HEALTH AND ENVIRONMENT MANAGEMENT

(HE-P 01 TO HE-P 16)

26 November 2015, Thursday

13:05 – 14:05 hrs

HE-P 01	IMPACT OF CAGE AQUACULTURE ON THE PLANKTON COMMUNITY IN KABINI, A LARGE RESERVOIR IN KARNATAKA Preetha Panikkar and Krishna Rao, D. S.
HE-P 02	HARVEST OF FARM ASSOCIATED WILD FISH ASSEMBLAGES IN ESTUARINE CAGE FARMS: IMPLICATIONS FOR FARM MANAGEMENT AND LIVELIHOOD Geetha Sasikumar , Nataraja, G. D., Shridhara, B. and Prathibha Rohit
HE-P 03	DOES SEA CAGE FARMING INFLUENCE CARBON SEQUESTRATION IN THE SEA? ASSESSMENT OF CARBON SEQUESTRATION CAPACITY OF PLANKTON NEAR CAGE FARMING SITES AT MANDAPAM, GULF OF MANNAR, TAMIL NADU Anikuttan, K. K. , Abdul Nazar, A. K., Jayakumar, R., Tamilmani, G., Johnson, B., Rameshkumar, P., Amir Kumar Samal and Hanumanta Rao, G.
HE-P 04	OCCURRENCE OF ICHTHYOPHTHIRIASIS IN <i>PANGASIANODON HYPOPTHALMUS</i> CULTURED IN CAGES IN MAITHON RESERVOIR, JHARKHAND, INDIA Vikash Kumar , Karnatak, G., Sahoo, A. K., Das, A. K. and Sharma, A. P.
HE-P 05	ECOLOGY AND BIODIVERSITY OF OPEN SEA CAGE FARM AT MANDAPAM, INDIA Molly Varghese , Vinod, K., Joshi, K. K., Ramamoorthy, N. and Thomas, V. J.
HE-P 06	FOULING OF CAGE NETS AT VILLUNDI IN PALK BAY, SOUTH-EAST COAST OF INDIA Vinod, K. , Molly Varghese, Joshi, K. K. and Ramamoorthy, N.
HE-P 07	ENCRUSTATION BY BIVALVES IN A TROPICAL MARINE CAGE FARMING SYSTEM Geetha Sasikumar , Prathibha Rohit, Rajesh, K. M., Dineshbabu, A. P., Sujitha Thomas, Nataraja, G. D., Yogesh Kumar, K., Sharath Kini and Sanal, C.
HE-P 08	BIODIVERSITY OF MACROFOULING ORGANISMS IN A MARINE CAGE FARM AT KARWAR, WEST COAST OF INDIA Sonali S. Mhaddolkar , Jayasree Loka, Dineshbabu, A. P., Vaidya, N. G. and Philipose, K. K.
HE-P 09	MICROBIAL QUALITY OF WATER AROUND OPEN SEA CAGE FARM SITES ON THE ARABIAN COAST OF INDIA Sivaraman, G. K. , Mohammed Koya, K., Divu, D., Ashish Kumar Jha, Remya, S., Renuka, V. and Suresh Kumar Mojjada
HE-P 10	STEREOMICROSCOPIC AND HIGH RESOLUTION SEM STUDIES OF GILL, MOUTH CAVITY AND LATERAL LINE OF POMPANO <i>TRACHINOTUS BLOCHII</i> USING CHEMICAL METHOD OF TISSUE DRYING Amir Kumar Samal , Abdul Nazar, A. K., Jayakumar, R., Tamilmani, G., Rameshkumar, P., Sakthivel, M., Anikuttan, K. K., Ravi K. Avadhanula
HE-P 11	ESTABLISHMENT AND CHARACTERIZATION OF TWO MORPHOLOGICALLY DIFFERENT CELL LINES FROM FIN TISSUE OF THE POMPANO <i>TRACHINOTUS BLOCHII</i> Sobhana, K. S. , Sheethal Mary Sunny, Githa Ann George, Shuchi Agarwal, Kalidas, C., Sakthivel, M., .Rema Madhu, Madhu, K. and Joshi, K. K.
HE-P 12	BACTERIOPHAGE BASED NATURE FRIENDLY CONTROL TECHNOLOGY FOR PREVENTION AND TREATMENT OF BACTERIAL INFECTION COMMONLY ENCOUNTERED IN FLOUNDER <i>PARALICHTHYS OLIVACEUS</i> CULTURE Kim, J. D. , Lee, J. H., Kang, B. J., Jun, S. Y. and Kang, S. H.
HE-P 13	ACCURATE IDENTIFICATION OF PARASITIC INFESTATIONS FOR EFFECTIVE MANAGEMENT AND TREATMENT IN AQUACULTURE Guguloth Balaji , Sandya Chinna Rajesh and Kurva Raghu Ramudu
HE-P 14	KERATINIZATION OF EPIDERMIS IN THE ORNAMENTAL CATFISH <i>CHACA CHACA</i> : HISTOLOGICAL AND SCANNING ELECTRON MICROSCOPIC INVESTIGATIONS Arup Mistri , Swati Mittal and Ajay Kumar Mittal
HE-P 15	DYNAMICS OF <i>VORTICELLA</i> SP. INFESTATION IN COBIA <i>RACHYCENTRON CANADUM</i> LARVAE AND SPECIFIC GROWTH RATE OF THE PARASITE Amir Kumar Samal , Abdul Nazar, A. K., Jayakumar, R., Tamilmani, G., Rameshkumar, P., Sakthivel, M., Anikuttan, K. K. and Ravi K. Avadhanula
HE-P 16	EFFECT OF ASIATICOSIDE ON THE PROLIFERATIVE ACTIVITY OF EPIDERMIS DURING HEALING OF CUTANEOUS WOUND IN AN INDIAN MAJOR CARP <i>CIRRHINUS MRIGALA</i> Neeraj Verma , Usha Kumari, Swati Mittal and Ajay Kumar Mittal

VI. ECONOMICS, LIVELIHOOD AND POLICIES

(EL-P 01 TO EL-P 08)

27 November 2015, Friday

13:00 – 14:00 hrs

EL-P 01	COMPARATIVE ASSESSMENT OF CONVENTIONAL AND CAGE FISH FARMING IN ERNAKULAM DISTRICT, KERALA Jeyanthi, P. , Chandrasekar, V. and Nikita Gopal
EL-P 02	SOCIO-ECONOMIC DIMENSIONS AND SWOT ANALYSIS OF SEA CAGE FARMING IN GOA Philipose, K. K. and Aswathy, N.
EL-P 03	CAGE CULTURE AS AN OPTION FOR ALTERNATIVE INCOME AND LIVELIHOODS: THE EXPERIENCE OF THE TRADITIONAL AQUAFARMERS OF KERALA, INDIA Imelda Joseph
EL-P 04	POLYCULTURE OF FISHES IN OPEN WATER CAGES : A BETTER OPTION FOR YEAR ROUND FISH PRODUCTION AND INCOME Shoji Joseph and Ajith Kumar, P. B.
EL-P 05	PARTICIPATORY APPROACH FOR STANDARDISING CAGE CULTURE OF GIANT TREVALLY <i>CARANX IGNOBILIS</i> IN THIRUTHIPURAM BACK WATERS, KOCHI, KERALA Daisy C. Kappen , Madhusoodana Kurup, B., Mohanakumaran Nair, C., Raju, M .S., Dinesh, K., Salin, K. R. and Saneer N. S.
EL-P 06	OPEN SEA CAGE CULTURE OF POMPANO <i>TRACHINOTUS BLOCHII</i> : AN ALTERNATIVE LIVELIHOOD APPROACH FOR COASTAL FISHERS AT ACHARA, SINDHUDURG DISTRICT, MAHARASHTRA Ramkumar S. , Veerendra Veer Singh, Philipose, K. K., Anulekshmi Chellappan, Vaibhav Mhatre, D., Nilesh pawar, A., Punam Khandagale, A., Syamala, K. and Ratheesh Kumar, R.
EL-P 07	PARTICIPATORY TRIAL ON PEN FARMING OF MILK FISH <i>CHANOS CHANOS</i> IN PILLAIMADAM LAGOON OF PALK BAY, TAMIL NADU Jayakumar, R. , Abdul Nazar, A. K., Tamilmani, G., Johnson, B., Rameshkumar, P., Amir Kumar Samal, Anikuttan, K.K., Rajendran, P. and Gopakumar, G.
EL-P 08	PARTICIPATORY DEMONSTRATION OF SEA CAGE FARMING OF SPINY LOBSTER AT THIRUMULLAVARAM, KOLLAM, KERALA Santhosh, B. , Anil, M. K., Philipose K.K., Rani Mary George, Saleela, K. N., Troy Natesan, Unnikrishnan, C., Jose Kingsly, H., Hillary, P., Benziger, V. P. and Muhammed Anzeer, F.