



Republic of the Philippines
DEPARTMENT OF EDUCATION
Region 1
City of San Fernando, La Union 2500



March 22, 2019

45753

ADVISORY
No. 097, s. 2019

TO: **SCHOOLS DIVISION SUPERINTENDENTS**

FROM: **THE REGIONAL DIRECTOR**

SUBJECT: **6th National Seminar-Workshop on Manipulative Laboratory Skills Focused on Experimental and Descriptive Research**

Attached is a letter of Mr. Westly R. Rosario, Chief, BFAR-NIFTDC re: *6th National Seminar-Workshop on Manipulative Laboratory Skills Focused on Experimental and Descriptive Research* which will be conducted by the Bureau of Fisheries and Aquatic Resources at the Asian Fisheries Academy, BFAR-NIFTDC, Bonuan Binloc, Dagupan City on various dates.

For information.


MALCOLM S. GARMA
Regional Director

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REGIONAL OFFICE I
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BY: 





Republic of the Philippines
 BUREAU OF FISHERIES AND AQUATIC RESOURCES
 NATIONAL INTEGRATED FISHERIES TECHNOLOGY DEVELOPMENT CENTER
ASIAN FISHERIES ACADEMY
 Bonuan Binloc, Dagupan City



DIRECTOR MALCOLM S. GARMA
 Regional Director, DepEd ROI
 Catbangen, San Fernando City

SIR:

1. The Bureau of Fisheries and Aquatic Resources (BFAR), National Integrated Fish Technology Development Center (NIFTDC), Bonuan Binloc, Dagupan City in cooperation with the Association of Science Club Advisers and Head Teachers of Pangasinan II announces the holding of the annual summer event entitled: **6th National Seminar-Workshop on Manipulative Laboratory Skills Focused on Experimental and Descriptive Researches with the theme: "Science and Technology Advancement: Enhancing Quality of Life Through Invention and Research"**. It will be held at Asian Fisheries Academy, BFAR-NIFTDC, Bonuan Binloc, Dagupan City on the following dates:

April 10-12, 2019 (First Batch)	April 15-17, 2019 (Second Batch)
April 24-26, 2019 (Third Batch)	May 08-10, 2019 (Fourth Batch)
2. The objectives include:
 - a. undertake scientific research that will develop the youth and teacher's creativity, analytical mind and integrity;
 - b. apply learned science and technology concepts and principles;
 - c. showcase an output during the academic contest;
 - d. provide venue for intellectual and social interaction among students and teachers and;
 - e. create an atmosphere of competitiveness and excellence toward achieving scientific skills and attitudes.
3. The participants to this activity are the following:
 - a. Special Science Class students
 - b. Interested students from the regular class and other programs
 - c. Junior and Senior High School teachers and students
 - d. Officers and members of the research club
 - e. Research teachers and teachers undergoing educational researches
 - f. OJT students with a research proposal on life science, environmental, material and applied sciences
4. Expected Outputs are:

Research Proposal Paper	Impromptu Speaking Contest
Research Report	Slogan Making
Layout for exhibit – softcopy	Fish Catching
FishEssay	Mural Painting on the Rock
Fish Mosaic	Results of the Examination after the OJT
Color the Fish	Demonstration Teaching
Manipulative Laboratory Exposure on Scientific Processes	
- (Microbiology, Limnology, Phycology, Polymerase Chain Reaction)	
Search for Outstanding Research Implementer (Research Adviser and Administrator)	
5. A registration fee of One Thousand Eight Hundred Pesos (P1,800.00) shall be collected from each participant to defray the cost of certificates, training kits, ID, latex paint (for mural painting), honoraria for the invited panelists/board of judges/resource speakers, meals (lunch of day 1 until lunch of day3 = 7 meals), working t-shirts, energy and other incidental expenses. The participants shall charge their registration fee and travel expenses from their personal fund or sponsor if any.
6. Participants to this activity are advised to bring their sleeping paraphernalia/tent (if desired).
7. Per DepEd Order No. 5 s. 2003 "Updated Guidelines on Grant of Service Credits to Teachers" teacher participants to this activity shall be granted **four (4) days service credits**, after all necessary documents/requirements shall have been submitted and processed.
8. Attendance to this activity is on **voluntary** basis.
9. Immediate dissemination to all concerned is desired.

Nerafe C. Muyalde
NERAFE C. MUYALDE
 Aquaculturist II, Head Asian Fisheries Academy

Westly R. Rosario
WESTLY R. ROSARIO, DrFT
 Chief, BFAR NIFTDC

For more details and reservation, please contact:

MR. ARTURO S. BLANCO – 0930-908-1694
 President, DOSCA, Pangasinan II (Secondary)
 Training Manager

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 President, DOSCA, Pangasinan II (Elementary)



6th NATIONAL SEMINAR -WORKSHOP ON MANIPULATIVE LABORATORY SKILLS TRAINING FOCUSED ON EXPERIMENTAL AND DESCRIPTIVE RESEARCHES

BFAR NATIONAL INTEGRATED FISH TECHNOLOGY DEVELOPMENT CENTER
ASIAN FISHERIES ACADEMY, Bonuan Binloc, Dagupan City

TRAINING MATRIX

10-12 April 2019 (First Batch)
24-26 April 2019 (Third Batch)

15-17 April 2019 (2nd Batch)
08-10 May 2019 (4th Batch)

DAY	TIME	EVENT / SPEAKER	VENUE	FACILITATOR
0	8:00 AM - 5:00 PM	Arrival and Billeting of Participants to the AFA Dormitory and BFAR Dormitory		
01	8:00 - 9:00 9:00 -10:00 10:00 -12:00 Lunch Break 12:00 - 1:00 1:00 - 5:00 5:00 -6:00 6:00 -7:00 7:00- 8:00 8:00 -10:00 10:00 onward	Registration Opening Program Lecture 1: Microbial Culture Technique by EVELYN A. DANGLA, Head of Microbiology and PCR Laboratory Lecture 2: NERAFE C. MUYALDE, Standard Scientific Research Methodology Laboratory Familiarization and Exposure (Microbiology, Phycology, Limnology, PCR etc. . . .) Field Visitation WESTLY Solar Salt, Shrimp School, Fish Condominium and Sanctuary) Dinner Break Lecture 3: Technical Writing for Experimental Research and Descriptive Research: Appropriate Statistical Tool Using SPSS by: DR. EVELYN C. BIAY, DR. LEONILYN M. CORONA, DR. GERALD SEMBRANA, MR. MALVIN QUINTO Lights off in delegates' quarters.	Asian Fisheries Academy Lobby AFA -JDV Hall AFA JDV Hall AFA -JDV Hall	BFAR & DepED Staff and Facilitators Technical Working Committee
02	8:00 - 9:00 9:00-10:00 10:00 -11:00 11:00 -12:00 Lunch Break 12:00-1:00 1:00 -2:00 2:00-10:00	Film Viewing Focused on Life Science Researches by BFAR NIFTDC Lecture 2: Researchable Topics in Life and Environmental Researches by: MS. ASHLEY D. SALINAS, Aquaculturist I Lecture 3 Routinary Culture Media Used in Microbial Bio Assay by: JOHN CARLO G. GOSILATAR, Aquaculturist I Lecture 3 Descriptive Research Topics and Technical Writing by: DR. CECILIA P. ROSIDO & DR. RICHIE MACALANDA Simultaneous Activities: Write shop in the Preparation of Technical Paper, Manipulative Laboratory Skills and Practical Examinations at the BFAR laboratories	Asian Fisheries Academy Lobby AFA -JDV Hall AFA JDV Hall AFA -JDV Hall	BFAR & DepED Staff and Facilitators Technical Working Committee
03	8:00 -12:00 12:00-1:00 1:00 -3:00 3:00 -5:00	Research Forum, Science Congress, Simultaneous Academic Contest, Field Events Lunch Break Exhibits, Documentation and Finalization of Results in Different Academic Contests, Survey and Evaluation CLOSING PROGRAM AND AWARDING CEREMONIES	Asian Fisheries Academy Lobby AFA -JDV Hall AFA JDV Hall AFA -JDV Hall	BFAR & DepED Staff and Facilitators Technical Working Committee

Prepared by: TRAINING MANAGERS in collaboration with the Head of the Laboratories, DepEd Administrators and Consultants