



Republic of the Philippines  
**Department of Education**  
Region I  
SCHOOLS DIVISION OFFICE OF PANGASINAN II

Office of the Schools Division Superintendent

19 November 2024

**DIVISION MEMORANDUM**

NO.: 656, S. 2024

**THREE (3) – Day HANDS-ON ROBOTICS SEMINAR-WORKSHOP FOR TEACHERS:  
BUILDING THE FUTURE WITH INNOVATION (ROBOCAMP SERIES 2)**

To: Public Schools District Supervisors  
Secondary School Heads

1. Science and technology are rapidly evolving fields, with innovations requiring individuals to have advanced scientific literacy to make informed decisions. Robotics, a key technology, is driving this change. Thus, The Department of Education aims to integrate robotics into science education, as it is believed that the coming decade will see a major workforce shift. With robotics already being taught in schools worldwide, it's crucial to prepare students for this transformation.
2. The **THREE (3) Day HANDS-ON ROBOTICS SEMINAR-WORKSHOP FOR TEACHERS: BUILDING THE FUTURE WITH INNOVATION (ROBOCAMP SERIES 2)** will be on November 28, 29 and 30, 2024 at the Ruperto's Inland Resort, Binalonan, Pangasinan.
3. The 3-day training workshop aims to:
  - A. discuss the key concepts of robotics in education
  - B. explain the basic robotic subsystems and how they work together, and
  - C. demonstrate the schools' best practices in robotics education.
4. Attached is the list of participants for the 3-day training workshop.
5. Teacher participants must prepare a contingency plan to ensure an effective response to unexpected classroom issues.
6. For the training activities, the participants are advised to bring their own laptops, extension wires, and Creotec Ranger kits with the required batteries.



- 7. Travel allowance/expenses of the teachers shall be charged to the school's MOOE, subject to usual accounting and auditing rules and regulations.
- 8. For information, dissemination, and strict compliance

*[Handwritten Signature]*  
**VIVIAN LUZ S. PAGATPATAN, CESO VI**  
Schools Division Superintendent *[Handwritten Initials]*

APPROVED FOR TRANSMISSION:  
*[Handwritten Signature]*  
ARVIN R. PURISIMA  
ADMINISTRATIVE OFFICER V



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## PD PROGRAM MANAGEMENT TEAM

PD Program Management Team	Name										
a. Program Manager	<b>EDDIE M. RAGUINDIN, EdD</b> Education Program Supervisor I, In-Charge of Science										
b. Learning Manager	<b>MANUEL JAIME U. VINUYA, EdD</b> Head Teacher VI, Science Manaoag National High School										
c. Resource Speaker/Subject-Matter Expert	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><b>EDDIE M. RAGUINDIN, EdD</b> Education Program Supervisor I OIC, Office of the Principal IV Benigno V. Aldana National High</td> <td style="width: 50%; border: none;"><b>RENANTE L. ARMAS</b> Teacher III Manaoag National High School</td> </tr> <tr> <td style="border: none;"><b>JENNILYN B. DE VERA</b> Master Teacher I Manaoag National High School</td> <td style="border: none;"><b>REGINE R. DE QUIROZ</b> Teacher III Tayug National High School</td> </tr> <tr> <td style="border: none;"><b>RONNESSA S. GARIN</b> Teacher III Manaoag National High School</td> <td style="border: none;"><b>NOLI A. ESMEÑA</b> Teacher III Tayug National High School</td> </tr> <tr> <td style="border: none;"><b>REMO C. DELA PEÑA</b> Teacher III San Jacinto National High School</td> <td style="border: none;"><b>ALFRED Q. CAPANANG</b> Teacher III Bautista National High School</td> </tr> <tr> <td style="border: none;"><b>HAZEL ELAINE C. ARMAS, PhD</b> Teacher III Manaoag National High School</td> <td></td> </tr> </table>	<b>EDDIE M. RAGUINDIN, EdD</b> Education Program Supervisor I OIC, Office of the Principal IV Benigno V. Aldana National High	<b>RENANTE L. ARMAS</b> Teacher III Manaoag National High School	<b>JENNILYN B. DE VERA</b> Master Teacher I Manaoag National High School	<b>REGINE R. DE QUIROZ</b> Teacher III Tayug National High School	<b>RONNESSA S. GARIN</b> Teacher III Manaoag National High School	<b>NOLI A. ESMEÑA</b> Teacher III Tayug National High School	<b>REMO C. DELA PEÑA</b> Teacher III San Jacinto National High School	<b>ALFRED Q. CAPANANG</b> Teacher III Bautista National High School	<b>HAZEL ELAINE C. ARMAS, PhD</b> Teacher III Manaoag National High School	
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<b>HAZEL ELAINE C. ARMAS, PhD</b> Teacher III Manaoag National High School											
d. M&E Coordinator	<b>JOY JAIRIZ C. TAGUIAM</b> Teacher III Benigno V. Aldana National High School										
e. Documenter	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><b>LILY DANA O MACTAL</b> Head Teacher III Laoac National High School National High School</td> <td style="width: 50%; border: none;"><b>RONNIE</b> Teacher III Benigno V. Aldana</td> </tr> </table>	<b>LILY DANA O MACTAL</b> Head Teacher III Laoac National High School National High School	<b>RONNIE</b> Teacher III Benigno V. Aldana								
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f. Secretariat	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><b>REVELYN C. CAMACHO, PhD</b> Head Teacher VI Tayug National High School</td> <td style="width: 50%; border: none;"><b>CELERINA JILLA C. CELIS, MPA</b> Master Teacher II Pio Generosa Elementary School</td> </tr> <tr> <td style="border: none;"><b>IRENE A. PARAGAS</b> Master Teacher II Benigno V. Aldana National High School</td> <td></td> </tr> </table>	<b>REVELYN C. CAMACHO, PhD</b> Head Teacher VI Tayug National High School	<b>CELERINA JILLA C. CELIS, MPA</b> Master Teacher II Pio Generosa Elementary School	<b>IRENE A. PARAGAS</b> Master Teacher II Benigno V. Aldana National High School							
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<b>IRENE A. PARAGAS</b> Master Teacher II Benigno V. Aldana National High School											
g. Welfare Officer	<b>JOVELYN B. BLANCO</b> Head Teacher VI Mangaldan National High School										
h. Logistics Officer	<b>LEONILYN M. COROÑA</b> Head Teacher VI Juan G. Macaraeg National High School										
i. Finance Officer	<b>ROSEMARIE O. DELA PEÑA</b> Head Teacher III San Jacinto National High School										



**LIST OF PARTICIPANTS ON THE THREE (3) – DAY HANDS-ON ROBOTICS  
SEMINAR-WORKSHOP FOR TEACHERS: BUILDING THE FUTURE WITH  
INNOVATION (ROBOCAMP SERIES 2**

No.	School Name	Name	Position
1	ANGELA VALDEZ RAMOS NHS	OFELIA R. FERNANDEZ	Teacher II
2	ANGELA VALDEZ RAMOS NHS	MARIBEL P. ALVAREZ	Teacher III
3	ANGELA VALDEZ RAMOS NHS	NICOLAI JON JON C. VALENZUELA	Teacher III
4	ANGELA VALDEZ RAMOS NHS		
5	ANGELA VALDEZ RAMOS NHS	ROSALIE A. VIERNES	Teacher III
6	ANTONIO P. VILLAR NATIONAL HIGH SCHOOL	KRIZZA T. CALIP	Teacher III
7	ANTONIO P. VILLAR NATIONAL HIGH SCHOOL	MECAH ELLA G. TAYLAN	Teacher I
8	ANTONIO P. VILLAR NATIONAL HIGH SCHOOL	RUBELYN R DELA CRUZ	Teacher III
9	ANTONIO P. VILLAR NATIONAL HIGH SCHOOL	FERDINAND M. FLORIDA	Teacher III
10	BALUNGAO NATIONAL HIGH SCHOOL	BENJAMIN PHILIPPE A. CANLAS	Teacher I
11	BALUNGAO NATIONAL HIGH SCHOOL	CHERYL B. TUMBOCON	Teacher I
12	BALUNGAO NATIONAL HIGH SCHOOL	CARMEN DELIA. E. RELANO	Teacher III
13	BALUNGAO NATIONAL HIGH SCHOOL	RONALYN F. LADIA	Teacher III
14	BALUNGAO NATIONAL HIGH SCHOOL	PRECY F. MACARAEG	Teacher III
15	BALUNGAO NATIONAL HIGH SCHOOL	REYNALDO JAVIER	Teacher I
16	BALUNGAO NATIONAL HIGH SCHOOL	ROANNE U. PALARUAN	Master Teacher I
17	BAUTISTA CENTRAL SCHOOL SPED CENTER	ROSALYN C. VILLANUEVA	Teacher III
18	BAUTISTA NATIONAL HIGH SCHOOL	ALFREDO Q. CAPANANG JR.	Teacher III
19	BAUTISTA NATIONAL HIGH SCHOOL	CHRISSEL JOY S. BANTUGAN	Teacher III
20	BAUTISTA NATIONAL HIGH SCHOOL	OLIVIA L. MORENTE	Teacher III
21	BENIGNO V. ALDANA NHS	EDDIE M. RAGUINDIN	Supervisor
22	BENIGNO V. ALDANA NHS	IRENE A. PARAGAS	Master Teacher I
23	BENIGNO V. ALDANA NHS	JOY JAIRIZ C. TAGUIAM	Teacher III
24	BENIGNO V. ALDANA NHS	ALVIN L. SAPLAN	Teacher III
25	BENIGNO V. ALDANA NHS	RONNIE S. JAIME	Teacher III
26	BENIGNO V. ALDANA NHS	RONNIE LEGASPI MACTAL	Teacher III
27	BENIGNO V. ALDANA NHS	JUMAR D. MACHACON	Master Teacher I
28	BINALONAN NORTH CENTRAL SCHOOL SPED CENTER	ROGELYN B. DUNGCA	Teacher III
29	BINALONAN SOUTH CENTRAL	RHODORA S.ROXAS	Teacher III
30	CIPRIANO P. PRIMICIAS NHS	CONCEPCION N. NIÑO	Head Teacher VI
31	CIPRIANO P. PRIMICIAS NHS	GERALDINE D. ANTIMANO	Teacher III
32	CIPRIANO P. PRIMICIAS NHS	JENNY ROSE V. BARACAS	Teacher III
33	CIPRIANO P. PRIMICIAS NHS	LEO ALBERT L. LIBERATO	Teacher III
34	CIPRIANO P. PRIMICIAS NHS	MELANIE B. CHUA	Teacher III
35	DON RAMON E. COSTALES MEMORIAL NHS	REZALYN S. ANTOLIN	Teacher I
36	DON RAMON E. COSTALES MEMORIAL NHS	JERRY M. LACESTE	Teacher I
37	DON RAMON E. COSTALES MEMORIAL NHS	CRISTINE JANE A. CARON	Teacher III
38	DON RAMON E. COSTALES MEMORIAL NHS	LADY ABIGAIL R. MINA	Teacher III
39	JUAN G. MACARAEG NHS	JENNY JUSTLY J. HALLIG	Teacher I
40	JUAN G. MACARAEG NHS	JYLLAND Q. ANDRES	Teacher I
41	JUAN G. MACARAEG NHS	LEONILYN M. CORONA	Head Teacher VI
42	JUAN G. MACARAEG NHS	WILSON RAYMUND F. DALAO	Teacher III
43	JUAN G. MACARAEG NHS	ANGELO T. MANZANO	Teacher III
44	JUAN G. MACARAEG NHS	LAVERNE B. BALANGUE	Teacher III
45	JUAN G. MACARAEG NHS	JOHN ARNOLD V. ANCHETA	Teacher III
46	JUAN G. MACARAEG NHS	MARY JANE B. HIDALGO	Teacher III
47	LAOAC NATIONAL HIGH SCHOOL	JIM D. RUAR	Teacher I
48	LAOAC NATIONAL HIGH SCHOOL	JOSHUA E. AQUINO	Teacher II
49	LAOAC NATIONAL HIGH SCHOOL	JUST EARL M. SORIANO	Teacher III



50	LAOAC NATIONAL HIGH SCHOOL	EMIELYN ROSE A. AQUINO	Teacher III
51	MANAOAG NATIONAL HIGH SCHOOL	RENANTE L. ARMAS	Teacher III
52	MANAOAG NATIONAL HIGH SCHOOL	HAZEL ELAINE C. ARMAS	Teacher III
53	MANAOAG NATIONAL HIGH SCHOOL	JENNILYN B. DE VERA	Master Teacher I
54	MANAOAG NATIONAL HIGH SCHOOL	ZYREN MAY C. SORIANO	Teacher II
55	MANAOAG NATIONAL HIGH SCHOOL		
56	MANAOAG NATIONAL HIGH SCHOOL	RONNESSA S.GARIN	Teacher III
57	MANGALDAN NATIONAL HIGH SCHOOL	DINA N. BASILIO	Teacher III
58	MANGALDAN NATIONAL HIGH SCHOOL	JOVELYN B. BLANCO	Head Teacher VI
59	MANGALDAN NATIONAL HIGH SCHOOL	DB MARYROSE C. VALLEJOS	Head Teacher VI
60	MANGALDAN NATIONAL HIGH SCHOOL	ANALIZA A. ERESTINGCOL	Teacher III
61	MANGALDAN NATIONAL HIGH SCHOOL	HILDA T. ESPEJO	Teacher III
62	MATAAS NA PAARALANG JUAN C. LAYA	DANETA JEAN C. REALUBIN	Teacher III
63	MATAAS NA PAARALANG JUAN C. LAYA	LARRY S. CALIVO	Teacher III
64	MATAAS NA PAARALANG JUAN C. LAYA	ARTUR C. FRONDA	Master Teacher I
65	PIO GENEROSA ELEMENTARY SCHOOL	CELERINA JILLA C. CELIS	Master Teacher II
66	POZORRUBIO CENTRAL SCHOOL	DENRY M. SALDIVAR	Teacher II
67	ROSALES NATIONAL HIGH SCHOOL	JUSTINE G. BANAAG	Teacher I
68	ROSALES NATIONAL HIGH SCHOOL	RICH O. LACUSONG	Teacher II
69	ROSALES NATIONAL HIGH SCHOOL	PAOLA P. JACOB	Teacher I
70	ROSALES NATIONAL HIGH SCHOOL	ALFREDO P.TAMAYO, JR.	Teacher III
71	ROSALES NATIONAL HIGH SCHOOL	CECILIO I. ALFONSO, JR.	Teacher III
72	SAN JACINTO NATIONAL HIGH SCHOOL	JOEL A. MANIO	Teacher III
73	SAN FABIAN NATIONAL HIGH SCHOOL	ELY L. CASTRO	Teacher III
74	SAN FABIAN NATIONAL HIGH SCHOOL	DEXTER T. BIAY	Teacher III
75	SAN FABIAN NATIONAL HIGH SCHOOL	ROVILYN-SHANE S. CERDAN	Teacher III
76	SAN JACINTO NATIONAL HIGH SCHOOL	MA. PAMELA GIELYNA L. PENULIAR	Teacher II
77	SAN JACINTO NATIONAL HIGH SCHOOL	REMO C. DELA PEÑA	Teacher III
78	SAN JACINTO NATIONAL HIGH SCHOOL	ANALYN V. DUCUSIN	Teacher III
79	SAN JACINTO NATIONAL HIGH SCHOOL	MICHELLE G. MACARAEG	Teacher III
80	SAN JACINTO NATIONAL HIGH SCHOOL	ROSEMARIE O. DELA PEÑA	Head Teacher III
81	SAN NICOLAS NATIONAL HIGH SCHOOL	AMY A. MANANSALA	Master Teacher I
82	SAN NICOLAS NATIONAL HIGH SCHOOL	DANIEL B. ABENOJAR	Teacher I
83	SAN NICOLAS NATIONAL HIGH SCHOOL	TOM RICSAN A. DELOS SANTOS	Teacher III
84	SAN NICOLAS NATIONAL HIGH SCHOOL	MARK ESON ESPIRITU	Teacher III
85	SAN QUINTIN CENTRAL SCHOOL	MITCHELL N. ACOSTA	Teacher III
86	SAN QUINTIN NATIONAL HIGH SCHOOL	RYAN C. SAGUN	Teacher I
87	SAN QUINTIN NATIONAL HIGH SCHOOL	ANGELICA C. CALICA	Master Teacher I
88	SAN QUINTIN NATIONAL HIGH SCHOOL	ZALDY R. BAUTISTA	Teacher III
89	SAN QUINTIN NATIONAL HIGH SCHOOL	JULIE ANN P. BALICHA	Teacher I
90	TAYUG CENTRAL ELEMENTARY SCHOOL	RACHELLE F. GARCIA	Teacher III
91	TAYUG NATIONAL HIGH SCHOOL	REVELYN C. CAMACHO	Head Teacher VI
92	TAYUG NATIONAL HIGH SCHOOL	NOLI A. ESMENA	Teacher III
93	TAYUG NATIONAL HIGH SCHOOL	SHERYL D. SIBAYAN	Master Teacher II
94	TAYUG NATIONAL HIGH SCHOOL	MARJORIE R. DELOS SANTOS	Teacher III
95	TAYUG NATIONAL HIGH SCHOOL	ELLA MAE O. NAVARRO	Teacher III
96	TAYUG NATIONAL HIGH SCHOOL	REGINE R. DE QUIROZ	Teacher III
97	UMINGAN CENTRAL ELEMENTARY SCHOOL	JUDY ANN Y. ESPIRITU	Teacher III
98	UMINGAN CENTRAL ELEMENTARY SCHOOL	GEPERSON A. FERNANDEZ	Teacher III
99	VILLASIS I CENTRAL SCHOOL SPED CENTER	EMY ROSE M. NOVILA	Teacher III