

REPORT ON '3 MONTHS COURSE ON ENVIRONMENTAL RESEARCH TECHNIQUE'

RUSA Nodal Officers' meeting on 13TH September.2017 at Principal's Chamber resolved to conduct a 3 months course on Environmental Research Technique as an 'Add-on course' for the final year students of B.Sc and any interested alumni member of Govt. Zirtiri Residential Science College. This committee also resolved to provide any financial and laboratory equipments that may be required during the course. The main aim of the training course is to enrich the trainees in various environment related topics and to increase their employability in their future endeavors. The meeting also entrusted the Research and Seminar committee to take up this programme.

The Research and Seminar committee appointed Dr. Lalzahawmi Chenkual as a course co-coordinator and Dr. Ricky Lalmangaihzuala as Secretary of the course. The committee chalked out the topics to be covered during the course and appointed recourse persons for each selected topics. The committee also sought partnership in various environment related government departments/institutes. Thus the RUSA funded 3 months course on Environmental Research Techniques of Govt. Zirtiri Residential Science College was started in collaboration with

1. Mizoram State Legal Services Authority,
2. Mizoram Pollution Control Board, and
3. Human Resource Development Centre, Mizoram University.

Notification and application form for the course were given out through college notice board, college website, students' whatsapp groups and GZRSC alumni facebook groups. After careful scrutiny, 30 students were selected to attend the course and Rs 200/- was collected from all the selected students as registration fee. The first batch of students admitted for this course comprised of 16 final year students and 14 alumni members, many of whom have completed their Masters' degree and are now applying for jobs.

The opening function of the course was held on 1st December 2017 (Programme and photographs attached). During the course of this training, we tried to cover as many topics as possible in various environment related subjects. Our collaborators mentioned above provided us with expert resource persons on subjects like environmental laws, air and noise pollution, solid waste management, natural resource management and so on. Besides, experts from outside sources such as Disaster managements and mitigation, water pollution analysis and biodiversity analysis were also engaged. Teaching faculty members were also engaged to take classes on radiation monitoring, soil sample analysis, application of GIS technology and slope protection and bioengineering. All the resource

persons were requested to submit probable questions from their respective topics (Daily routine and list of topics and recourse persons attached)

A total of 44 classes were taken by 44 recourse persons. Attendance was taken regularly. On 14th February, 2018, evaluation in the form of class test was conducted. 25 multiple choice questions were selected from the questions submitted by the recourse persons. Percentage of attendance and performance in the class test were given equal value. Combining the percentage of marks from their test and percentage of attendance throughout the course, all the participants were given grades as under:

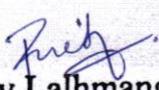
80	-	100%	: Grade O
70	-	79.9%	: Grade A
60	-	69.9%	: Grade B
40	-	59.9%	: Grade C

Out of the 30 participants, two of them could not complete the course due to family problems, thus course completion certificate bearing their respective grades, duly signed by College Principal, Director, HRDC, MZU, Member Secretaries of Mizoram Pollution Control Board and Mizoram State Legal Services Authority and course Coordinator was given out to the successful students at the closing function.

On 15th February, 2018, hiring one tourists' bus, all the participants, along with the coordinator and Secretary went for 'one-day site visit' to Tamdil lake, about 85 kilometers from Aizawl. Tamdil lake was selected for site visit as it is one of the two lakes which is included in National Wetland Conservation Programme, Ministry of Forest, Environment and Climate Change. Govt. of India. (Pictures of the tour attached)

On 16th February, 2018, closing function of the '3 month's course on environmental research techniques' was held at college auditorium. The function was graced by all the signatories of the certificate. RUSA Nodal Officers and Research and Seminar Committee members were also present in the closing function. Refreshment for the function was sponsored by Mizoram State Legal Services Authority. (Closing function programme attached).

Research and Seminar Committee expresses its gratitude to RUSA, GZRSC for funding this project, and all our collaborators for their contributions throughout the course. The committee congratulates all the successful participants and wishes them great success in their life.


Dr. Ricky Lalhmangaihzuala
Secretary


22/2/18
Dr. Lalzahawmi Chenkual
Coordinator.

ATTENDANCE SHEET FOR WINTER CLASS 2017-2018

Roll. No.	Name	1	2	3	4	5	6	7	8	9	10	11	12
		1/12	4/12	5/12	6/12	7/12	8/12	11/12	12/12	13/12	14/12	15/12	17/12
1	Danny Zodinanga ✓	P	P	A	P	P	P	P	P	P	P	A	A
2	PC Lallawmthara	A	P	P	A	P	P	A	P	P	A	A	A
3	PC Lalngaihawma ✓	P	P	A	A	A	P	A	P	P	P	P	P
4	Lalngilneii ✓	P	P	P	P	P	P	P	P	P	P	A	P
5	Lalremsiama ✓	P	P	A	A	P	P	A	P	P	P	A	P
6	R. Lalremruata ✓	P	P	P	P	P	P	P	P	P	P	P	P
7	Lalthafamkima ✓	P	P	P	P	P	P	P	P	P	P	A	A
8	Jonathan Lalchhanmawia ✓	P	.	P	P	P	P	P	P	P	A	A	A
9	Lalremtluangi ✓	P	P	P	P	P	P	P	A	A	P	P	P
10	Lalbuatsaiha Fanai ✓	P	.	P	A	A	A	A	A	A	A	A	A
11	Annie Lalthakimi ✓	P	.	A	A	A	A	A	A	A	A	A	A
12	Ruthi Malsawmkimi ✓	P	P	P	P	P	A	A	P	P	A	A	A
13	Vanlalhriatpuii ✓	P	P	P	P	P	P	A	A	P	A	P	P
14	V. Lalmalsawmsanga	A	P	P	P	P	P	A	A	P	A	A	P
15	Michael Lalruatsanga ✓	P	P	P	P	P	P	P	P	P	P	P	P
16	Dinah Lalremhlui	A	P	P	P	P	P	P	P	P	A	P	P
17	Laldinpuii ✓	P	P	A	P	P	A	P	A	P	A	P	P
18	Lalduhsaki	A	P	P	P	P	P	P	P	P	P	P	P
19	Thanglianhhunga ✓	P	P	P	P	P	P	P	P	P	P	P	P
20	S. Lalnunmawii ✓	P	P	P	P	P	P	P	P	P	P	P	P
21	Jeremy C. Lalhrekima ✓	P	P	P	P	P	P	A	P	P	P	A	A
22	Vanlalchhandama ✓	P	P	P	P	P	P	P	P	P	A	A	P
23	Malsawmdawngkima ✓	P	P	P	P	P	P	P	P	P	A	P	P
24	Jonathan Lalrintluanga ✓	P	P	P	P	P	P	A	A	A	A	A	P
25	C. Lalawmpuia ✓	P	P	P	P	P	P	P	P	A	P	P	P
26	Lalramchhana ✓	P	P	P	P	P	P	P	A	P	A	P	P
27	Lalnunmawia ✓	P	P	P	P	P	P	P	P	P	A	P	20
28	PC Lalrempuia	A	.	A	A	A	A	A	A	A	A	A	A
29	B. Lalnghahpuii ✓	P	P	A	P	P	P	P	P	P	A	A	P
30	Alfred Lalrinchhana ✓	P	P	P	A	A	A	A	A	A	P	P	P
No. of Present		25		23	23	20	24	17	18	24	16	16	23
No. of Absent		5		7	7	5	6	13	12	6	14	14	7
Total		30		30		30	30	30	30	30	30	30	30
Incharge Signature		WJ	WJ	WJ	WJ	RJ	RJ	ZJ	ZJ	ZJ	LZ	LZ	LZ

1 2 3 4 5 6 7 8
 1 2 3 4 5 6 7 8

ATTENDANCE SHEET FOR WINTER CLASS 2017-2018

EXAM TOTAL

Roll. No.	Name	13	14	15	16	17	18	19	20	21	22	23	24	
		19/1	19/1	24/1	25/1	31/1	1/2	12/2	7/2					
1	Danny Zodinsanga	A	P	A	P	P	P	.	P	P	P	.	17	77%
2	PC Lallawmthara	A	P	P	P	A	P	.	.	P	P	P	14	63.6
3	PC Lalngaihawma	A	A	A	A	A	5	
4	Lalngilneii	A	P	A	P	P	P	.	P	P	P	P	19	86.4
5	Lalremsiama	P	P	P	A	P	P	.	P	P	P	P	16	72
6	R. Lalremruata	P	P	P	A	P	P	P	P	P	P	P	19	86.2
7	Lalthafamkima	A	P	P	P	A	P	P	P	P	P	P	20	90.9
8	Jonathan Lalchhanmawia	A	A	P	A	A	P	P	P	P	P	P	15	68.18
9	Lalremtluangi	A	P	A	P	P	P	.	P	P	P	P	17	77
10	Lalbuatsaiha Fanai	P	.	P	P	P	.	P	.	P	P	.	10	45.5
11	Annie Lalthakimi	P	P	P	P	P	P	.	P	P	P	P	10	45.5
12	Ruthi Malsawmkimi	P	P	P	P	P	P	.	P	P	P	P	16	72
13	Vanlalhriatpuii	P	.	P	A	P	P	P	P	P	.	P	16	72
14	V. Lalmalsawmsanga	P	P	P	P	P	.	P	P	P	P	P	17	77
15	Michael Lalruatsanga	P	P	P	P	P	P	P	P	P	.	P	21	95.4
16	Dinah Lalremhlui	P	A	P	A	P	P	.	.	P	P	P	16	72
17	Laldinpuii	P	A	P	P	P	.	P	P	P	P	P	16	72
18	Lalduhsaki	P	P	P	A	P	P	P	P	P	P	P	20	90.
19	Thanglianchungang	P	P	P	A	P	P	P	P	P	P	P	21	95.4
20	S. Lalnunmawii	P	A	P	P	P	.	P	P	P	.	P	20	90.
21	Jeremy C. Lalhrekima	X	A	P	A	A	.	P	P	A	.	P	12	54.
22	Vanlalchhandama	P	.	P	A	A	P	P	P	A	P	P	17	77
23	Malsawmdawngkima	P	P	P	A	A	.	P	P	P	P	P	18	81.18
24	Jonathan Lalrintluanga	P	P	P	P	P	P	P	P	P	P	P	17	77
25	C. Lalawmpuia	A	A	P	P	P	P	P	P	P	P	P	19	86.4
26	Lalramchhana	P	P	P	P	P	P	P	P	A	P	P	19	86.4
27	Lalnunmawia	P	P	P	P	A	P	P	P	P	P	P	20	90
28	PC Lalrempuia	A	A	P	P	P	P	P	P	A	.	.	6	
29	B. Lalnghahpuii	P	P	P	A	P	.	.	P	P	P	P	16	72
30	Alfred Lalrinchhana	A	A	P	P	P	P	P	P	P	P	.	14	63.
No. of Present		18	18	26	18	22	20	20	26		26			
No. of Absent		12		9		8	8	10	4		4			
Total						30		30						
Incharge Signature		LZ	LZ		LZ				RM	LZ				

Prof. B. ZOLIANA
Principal
Govt. Ziri Res. Sc. College
Aizawl : Mizoram

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