

**M. Ed Physics, Chemistry, Biology, and Mathematics Advanced Studies Seminar II (30<sup>th</sup> & 31<sup>st</sup> October 2017)**

<b>M.Ed (Physics)</b>		
<b>Sl No</b>	<b>Name</b>	<b>Topic</b>
1	Rinzin Dorji	Drag force
2	KingaChedup	Reciprocating motion
3	Sangay Wangchuk	Optical fibre
4	Norbu Wangdi	Planetary motion
5	Dechen Wangchuk	Four fundamental forces of universe
6	Shima Chhetri	Sattelite Orbit
7	Rinchen Wangdi	Frames of References
8	Kelzang Tenzin	Newton's third law of motion
9	Hitanath Subedi	Projectile motion
10	Singye Thinley	Oscillatory motion

<b>M.Ed (Chemistry)</b>		
<b>SL No</b>	<b>Name</b>	<b>Topic</b>
1	Norbu Gyeltshen	Chemical Thermodynamics
2	Aita Raj Limboo	Chemical equilibrium
3	Rinzin Wangmo	Nuclear chemistry
4	Rupa Gurung	Acids and bases
5	Sangay Rabten	Gas laws
6	Ngawang Chogyel	Redox Chemistry
7	Madan Chettri	Photochemistry
8	Dorji Norbu	Solutions
9	AdipRai	Chemical kinetics
10	Bal Bdr Gurung	Electrochemistry

<b>M.Ed (Biology)</b>		
<b>Sl No</b>	<b>Name</b>	<b>Topic</b>
1	Mon Maya Chetri	Regeneration of Liver in Human
2	Nima Tsering	Induced Pluripotent Stem Cell
3	Dil Bdr Tamang	Muscle Stem Cell
4	Shreejana	Adult Neurogenesis
5	Sherab Tenzin	Bone Healing
6	Shashi Dhar	Hematopoietic Stem Cell
7	Karma Dorji	From Stem Cell to Beta Cell
8	Anju Gurung	Adipose Stem Cell
9	Lhakpa Tshering Tamang	Limbal epithelial stem cell
10	Karma Wangda	Epigenetics in Human

<b>M.Ed (Mathematics)</b>		
<b>Sl No</b>	<b>Name</b>	<b>Topic</b>
1	Phuntsho Wangmo	First Order Linear Differential Equation
2	Sangay Dorji T	First Degree variable separable
3	Jigme Dorji	Application of first degree homogeneous differential equation
4	Kezang Wangmo	Second order homogeneous linear differential equation
5	Ugyen Tshering	Power series solution of differential equation
6	Sangay Kinzang	Bernoulli's Differential Equation
7	Yeshi	Simultaneous Differential Equation
8	Kezang Jamtsho	Orthogonal Trajectories
9	Kelzang Wangdi	Total Differential Equation
10	Kado	Modelling two dimensional heat equation using partial differential equation

**List of assessors:**

Physics: Mr. Tandin Penjor and Ms. Ugyen Pem

Chemistry: Dr. Nandu Giri and Mr. Lapchu

Biology: Dr. Kinzang Dorji and Ms. Emma Griffin

Mathematics: Dr. Amar Nath Srivastav and Mr. Pema Drakpa

**Seminar Chair**

Physics: Dr. Karma Utha

Chemistry: Ms. Kezang Choden

Biology: Dr. Kinley

Mathematics: Mr. Ngawang Namgyel

**Venue for Seminar**

Physics: Rigpa Hall

Chemistry: KSAs Hall

Biology: Science Lecture Theatre

Mathematics: Science Block (Old Primary Lab)

**Seminar Schedule:**

<b>Day One – 30<sup>th</sup> October 2017</b>	
<b>Time</b>	<b>Event</b>
1.40 – 2. 15 p.m.	Presentation I - 25 minutes student presentation and 10 minutes questions by the panel and floor
2.20 – 2. 55 p.m.	Presentation II – 25 minutes student presentation and 10 minutes questions by the panel and floor
3.00 – 3. 35 p.m.	Presentation III – 25 minutes student presentation and 10 minutes questions by the panel and floor

3.40 – 4.15	Presentation IV - 25 minutes student presentation and 10 minutes questions by the panel and floor
4.20 – 4.45 p.m.	Discussion of the panel and Chair for confirmation of the marking

<b>Day Two – 31<sup>st</sup> October 2017</b>	
Time	Event
9 – 9.35 a.m.	Presentation V - 25 minutes student presentation and 10 minutes questions by the panel and floor
9.40 – 10.50 a.m.	Presentation VI - 25 minutes student presentation and 10 minutes questions by the panel and floor
10.50 – 11.10. a.m.	Toilet Break
11.15 – 11. 50	Presentation VII - 25 minutes student presentation and 10 minutes questions by the panel and floor
11. 55 a.m. – 12. 35 p.m.	Presentation VIII - 25 minutes student presentation and 10 minutes questions by the panel and floor
12. 35 – 1.45 p.m.	Lunch Break
2.00 – 2. 40 p.m.	Presentation IX – 25 minutes student presentation and 10 minutes questions by the panel and floor
2.45 – 3. 20 p.m.	Presentation X – 25 minutes student presentation and 10 minutes questions by the panel and floor
3.25 – 4 p.m.	Discussion of the panel and Chair for confirmation of the marking

**Compulsory attendance by the following classes (Attendance will be taken for both seminar days):**

4<sup>th</sup> Year B. Ed. Secondary Science A will attend Mathematics Seminar on 30<sup>th</sup> October in Room 9

4<sup>th</sup> Year B. Ed. Secondary Science B will attend Physics Seminar on 30<sup>th</sup> October in Rigpa hall

4<sup>th</sup> Year B. Ed. Secondary Science C students will attend Biology Seminar on 30<sup>th</sup> October in Science Lecture Theatre.

3<sup>rd</sup> Year B. Ed. Secondary Science B students will attend Chemistry Seminar on 30<sup>th</sup> October in KSAs hall.

4<sup>th</sup> Year B. Ed. Secondary Science B will attend Mathematics Seminar on 31<sup>st</sup> October in Room 9

4<sup>th</sup> Year B. Ed. Secondary Science A will attend Physics Seminar on 31<sup>st</sup> October in Rigpa hall

4<sup>th</sup> Year B. Ed. Secondary Science C students will attend Chemistry Seminar on 31<sup>st</sup> October in KSA's hall.

3<sup>rd</sup> Year B. Ed. Secondary Science B students will attend Biology Seminar on 31<sup>st</sup> October in Science Lecture Theatre.

**Note: The seminar is open to all the staff and students; you may attend the seminar according to your convenience and interest.**