Tentative Time Table of Activities

International Graduate Course on Basic Chronobiology with Reference to Chronomedicine

2.11.2008 – 7.11.2008

02-11-2008	**Arrival**						**14:00 Registration**	**16:00 Inauguration**	**17:00 Hi-Tea**	**18:00 MKC**	**19:00 Cultural Program**		
Date	**08:00 – Breakfast**	**09:00 Session 1**	**10:00 Session 2**	**11:00 - Coffee Break**	**11:30 Session 3**	**12:30 Session 4**	**13:30 - Lunch**	**15:00 Session 5**	**16:00 Session 6**	**17:00 - Coffee Break**	**17:30 Session 7**	**18:30 Session 8**	**20:00 - Dinner**
03-11-2008		AKP1/ IA1	DS1		DS2	VK1		VK2	WR1		PS1	WR2	
04-11-2008		VKS1	BNM1		IA2	RKP1		VKS2	BNM2		IA3	EH1	
05-11-2008		EH2	RKS1		YT1	RKS2		**Local sight seeing**			**Local sight seeing**		
06-11-2008		AKP2	BNJ		YT2	CC1		CC2	EH3		AH1	AH2	
		09:00 Session 1	**10:00 Session 2**		**11:30 Session 3**			**15:00-16:30**	**16:30-17:30**	**20:00**			
07-11-2008		YT3	Lab work – AP/PS		Lab work – PS/AP			**Concluding session & Recommendation - Teachers**	**Valedictory function**	**Farewell dinner**			

Note: It is optional on the part of the faculty and participants of the Course to participate in the XX National Symposium on Chronobiology.

Additional Information:

08-11-2008 - 10-11-2008	XX National Symposium on Chronobiology and Meeting of the Indian Society for Chronobiology

Date	Code	Name of the Faculty	Title of the lecture
02-11-2008	MKC	MK Chandrashekaran	Historical outline of biological rhythms research
03-11-2008			
0800-0900			BREAKFAST
0900-1000	AKP1/ IA1	Atanu Kumar Pati/ Israel Ashkenazi	Course introduction/ Chronobiology: Terminology & definitions
1000-1100	DS1	Dilip Joshi	Entrainment of biological rhythms, relationship of light, temperature, and other non-photic stimuli; Zeitgeber concept and Masking
1100-1130			COFFEE BREAK
1130-1230	DS2	Dilip Joshi	Phase shifts and Phase Response Curves (PRCs)
1230-1330	VK1	Vinod Kumar	Pineal gland, melatonin and biological rhythms
1330-1500			LUNCH
1500-1600	VK2	Vinod Kumar	Photoperiodism: photoreception and phototransduction
1600-1700	WR1	Wop Rietveld	Rhythms in a friendly environment. Interaction between endogenous and exogenous rhythms
1700-1730			COFFEE BREAK
1730-1830	PS1	P. Subramanian	Chronopharmacology
1830-1930	WR2	Wop Rietveld	Rhythms in a hostile environment. How to survive despite a central controlled rhythmicity.
2000			DINNER
04-11-2008			
0800-0900			BREAKFAST
0900-1000	VKS1	Vijay Kumar Sharma	Drosophila circadian rhythm

1000-1100	BNM1	BN Mallick	Mammalian sleep-wake and thermoregulatory rhythms
1100-1130			COFFEE BREAK
1130-1230	IA2	Israel Ashkenazi	Inheritance patterns of rhythm parameters
1230-1330	RKP1	Rohit Kumar Pradhan	Sleep-wake rhythm and EDS
1330-1500			LUNCH
1500-1600	VKS2	Vijay Kumar Sharma	Evolution of circadian rhythm
1600-1700	BNM2	BN Mallick	Physiological significance of REM sleep
1700-1730			COFFEE BREAK
1730-1830	IA3	Israel Ashkenazi	Desynchrony of circadian rhythm and compound rhythms
1830-1930	EH1	Erhard Haus	Rhythms in Endocrine system
05-11-2008			
0800-0900			BREAKFAST
0900-1000	EH2	Erhard Haus	Rhythms - Fetus to Adolescence
1000-1100	RKS1	R.K. Singh	Rhythms in antioxidant enzymes in human health and disease
1100-1130			COFFEE BREAK
1130-1230	YT1	Yvan Touitou	Rhythms modification with aging (Elderly)
1230-1330	RKS2	R.K. Singh	Chronomedicine
1330-1500			LUNCH
1500-			LOCAL SIGHT SEEING
2000			DINNER
06-11-2008			
0800-0900			BREAKFAST
0900-1000	AKP2	Atanu Kumar Pati	Shift work

1000-1100	BNJ	Bhaskar N Joshi	Pineal, melatonin and human health
1100-1130			COFFEE BREAK
1130-1230	YT2	Yvan Touitou	Melatonin physiopathology
1230-1330	CC1	Christian Cajochen	Rhythms of cognitive functions I
1330-1500			LUNCH
1500-1600	CC2	Christian Cajochen	Rhythms of cognitive functions II
1600-1700	EH3	Erhard Haus	Role of rhythms in obesity
1700-1730			COFFEE BREAK
1730-1830	AH1	Avraham Haim	Phase shift in activity rhythm with reference to scent signals in rodents
1830-1930	AH2	Avraham Haim	Light pollution and its effect on biological rhythms and human diseases
2000			DINNER
07-11-2008			
0800-0900			BREAKFAST
0900-1000	YT3	Yvan Touitou	Biological clock alterations and their treatment
1000-1100	AP/PS – lab course	Arti Parganiha/ P Subramanian	Actigraphy, ABPM/ Running wheel, Software on time series data analyses
1100-1130			COFFEE BREAK
1130-1330	PS/AP – lab course	P Subramanian/ Arti Parganiha	Running wheel, Software on time series data analyses/ Actigraphy, ABPM
1330-1500			LUNCH
1500-1630		TEACHERS	Concluding session & Recommendation
1630-1730			Valedictory functions
2000			Farewell dinner