

INTERNATIONAL CONFERENCE

On

Role of Physiotherapeutic and Nutritional Interventions towards Human Reproductive Health

February 21, 2019

JOINTLY ORGNIZED BY



Faculty of Science –Department of Agriculture

JAGAN NATH UNIVERSITY, JAIPUR
&

JAGAN NATH UNIVERSITY, BAHADURGADH

(INDIA)

AT

BAHADURGADH CAMPUS



INVITATION

Dear Colleagues

Preterm birth is a worldwide epidemic with a global incidence of more than 15 millions per year. Out of which the rate of preterm birth in India is 23%, which is globally the highest. Nearly 1 in 10 babies in India is born preterm. The incidence, gestational age, and underlying etiology of preterm birth is highly variable across different racial and ethnic groups, environmental conditions and geographic boundaries. Various studies have indicated that the major reasons of preterm birth are poor nutrition and diet, incompetent uterine muscle strength that hold the placenta at its place due to lack of prenatal and antenatal exercises, stressful environmental conditions, besides genetics and epigenetics factors determining reproductive health.

The consequences of preterm birth leads to drastically altered antigen exposure due to premature confrontation with microbes, nutritional antigens, and other environmental factors. During the last trimester of pregnancy, the fetal immune system adapts to tolerate maternal and self-antigens, while also preparing for postnatal immune defense by acquiring passive immunity from the mother. Preterm birth may have long-term consequences for the development of immune-mediated diseases. Intriguingly, preterm neonates appear to develop bronchial asthma more frequently. On the one hand, preterm birth may interrupt influences of the intrauterine environment on the fetus that increase or decrease the risk of later immune disease e.g. maternal antibodies and placenta-

derived factors. Whereas on the other hand, it may lead to the premature exposure to protective or harmful extra uterine factors such as micro biota and nutritional antigen. The effects of preterm birth are reported to be seen even up to third generations.

Considering to the risks and complications involved with preterm birth it is time now to look for ways to avert or reduce the risk of preterm birth by integrated management of nutrition and physiotherapeutic exercises and appropriate education about reproductive health of the pregnant mothers.

In view of the above facts a One Day International Conference shall be organized at Jagan Nath University, Haryana to have coherent views of physiotherapist, therapeutic experts, agriculturist, nutritionist, environmentalist, management experts, and educationists to identify physiotherapeutic and nutritional interventions under climate change to achieve good reproductive health and avert risk of pre term birth along with living conditions. We shall appreciate your participation and look forward to welcome you at JNU Haryana campus.

MISSION OF CONFERENCE

Resource Persons, experts and scholars and students shall present their views on the various aspects of international conference through poster and oral presentation followed by interaction with the overseas and national experts. The resource persons from institutes in the region and expert guest from abroad shall deliver lectures.



CONFERENCE THEMES

Our aim is to cover concepts, science, technology and practices impacting human reproductive health influence by nutrition physiotherapy and environment. Conference will include lead oral presentations by experts and poster presentations by the students on the following themes:

- Current Status of Physiotherapeutic Exercises related to Reproductive Health.
- Exploring Technique and Treatment Lines for handling cases with Reproductive Disorder.
- Integrating Physiotherapeutic Exercises, Foods and Nutrition and Environmental Management for Reproductive Health and Child Care.
- Development of Nutritious Crops for Mental, Physical and Reproductive Health.
- Nutraceuticals and Food Supplements
- Food Deficiency in Relation to Preterm Birth Risks
- Environmental Stresses Contributing to Reproductive Health Disorders and Preterm Birth.
- Rehabilitation of Preterm Neonates.
- Education for Awareness of Woman for Optimal Pregnancy Environment and Risk.
- Needed Policy Interventions to Ensure Rehabilitation for Preterm Borns.

ABOUT THE UNIVERSITY

Jagan Nath University, Haryana has been promoted by Jagan Nath Gupta Memorial Education Society, established under Haryana State Legislature Act No. VIII of 2013, and approved under Section 22 of the UGC Act, 1956. It started functioning with effect

from the academic session 2013-14 on its own acres campus, located at State Highway 22, Bahadurgarh-Jhajjar Road., Distt. – Jhajjar. The University has launched UG and PG programs in the Faculties of Engineering and Technology, Journalism and Mass Communication, Agriculture, Architecture, Management, Commerce, Law, Teacher Education and Physiotherapy. The University aims to impart high quality education and promote employability among youth. To achieve this aim, the University has developed a reasonably good physical and academic infrastructure, recruited qualified and experienced faculty, state-of-the-art classrooms, laboratories and other facilities. To ensure adequate practical exposure to learners, among other things, the programs are being implemented with an adequate component of industry exposure.

ABSTRACT SUBMISSION OF PAPERS

The participants are suggested to submit Paper Abstract up to 300 words, which should be typed in Times New Roman, 12 font size with 1.5 line spacing.

Last date for paper submission: February 10, 2019
(for oral and poster presentation)

REGISTRATION FEES

Rs. 600/- (For Faculty)

Rs. 300/- (For Students)

Contact for Registration:

1. Dr. Parveen Sharma,
Faculty of Agriculture
2. Ms. Vinika Chaudhary, Asst. Prof.,
Faculty of Physiotherapy

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Faculty of Agriculture

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- Mr. Chanchal Nandal, Lokhit NGO, Rohtak
- Dr. JS Laura, MDU Rohtak

CONTACT ADDRESS

Dr. Pritish Jakhar

pritch.jakhar@jagannathuniversityncr.ac.in

Mob. No.: 9896088133

Dr. R. K. Mudgil

ravinderkr.mudgil@jagannathuniversityncr.ac.in

Mob. No.: 9416632667

Mr. Ajay Kumar

ajayl.kumar@jagannathuniversity.org

Mob. No.: 9799864546

Jagan Nath University, State Highway -22,
Bahadurgarh – Jhajjar Road, Jhajjar,
Haryana



Certified True Copy
Registrar
Jagan Nath University, Jaipur