

**Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University**  
**Post Graduate Institute of Ayurveda**  
**Jodhpur**

**Prasuti Tantra & Stri Roga**  
**Syllabus for PhD**

1. **Comprehensive Anatomy & Physiology**  
Understand advanced concepts in Applied female reproductive anatomy, menstrual cycle endocrinology, and pregnancy-related physiological changes.
2. **Foundations of Reproductive Science**  
Conception, embryology, fetal growth, and maternal-fetal physiology from Ayurvedic and modern perspectives.
3. **Pregnancy Diagnosis & Management**  
Diagnose and manage normal and high-risk pregnancies, including complications like abortion, IUGR, and gestational disorders.
4. **Labour & Delivery Skills**  
Acquire skills to assess, monitor, and manage normal and complicated labor, including operative obstetrics.
5. **Postnatal & Neonatal Care**  
Manage postnatal health, lactation, and neonatal care, including resuscitation and congenital anomaly detection.
6. **Gynecological Disorders Management**  
Diagnose and treat menstrual disorders, infertility, infections, and reproductive organ pathologies.
7. **Ayurvedic Interventions**  
Panchakarma, Sthanika Chikitsa, Yogasanas, and Pranayama in gynecological and obstetric care.
8. **Surgical Proficiency**  
Perform gynecological and obstetric surgeries and handle emergencies like shock and fluid-electrolyte imbalances.
9. **Ethics & RCH programmes**  
Understand Medico-legal, record keeping, auditing, ethical, and counseling aspects, including PNDT Act, MTP act and maternal-child health programs.
10. **Practical Competence**  
Hands-on experience in Conduction labour, performing surgeries, diagnostic procedures, and managing women's health comprehensively.

*A. Neeli*  
10.3.2025

विभागाध्यक्ष  
स्नातकोत्तर प्रसूति तंत्र एवं स्त्री रोग विभाग  
पोस्ट ग्रेजुएट इंस्टीट्यूट ऑफ आयुर्वेद  
डॉ. सर्वपल्ली राधाकृष्णन राजस्थान आयुर्वेद  
विश्वविद्यालय, जोधपुर



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**Course Learning Outcome (COs) for Ph.D PTSR**

PTSRPhD-1	<b>Comprehensive Anatomy &amp; Physiology</b> Understand female reproductive anatomy, menstrual cycle endocrinology, and pregnancy-related physiological changes.
PTSRPhD-2	<b>Foundations of Reproductive Science</b> Conception, embryology, fetal growth, and maternal-fetal physiology from Ayurvedic and modern perspectives.
PTSRPhD-3	<b>Pregnancy Diagnosis &amp; Management</b> Diagnose and manage normal and high-risk pregnancies, including complications like abortion, IUGR, and gestational disorders.
PTSRPhD-4	<b>Labour &amp; Delivery Skills</b> Acquire skills to assess, monitor, and manage normal and complicated labor, including operative obstetrics.
PTSRPhD-5	<b>Postnatal &amp; Neonatal Care</b> Manage postnatal health, lactation, and neonatal care, including resuscitation and congenital anomaly detection.
PTSRPhD-6	<b>Gynecological Disorders Management</b> Diagnose and treat menstrual disorders, infertility, infections, and reproductive organ pathologies.
PTSRPhD-7	<b>Ayurvedic Interventions</b> Panchakarma, Sthanika Chikitsa, Yogasanas, and Pranayama in gynecological and obstetric care.
PTSRPhD-8	<b>Surgical Proficiency</b> Perform gynecological and obstetric surgeries and handle emergencies like shock and fluid-electrolyte imbalances.
PTSRPhD-9	<b>Ethics &amp; RCH programmes</b> Understand Medico-legal, record keeping, auditing, ethical, and counseling aspects, including PNDT Act, MTP act and maternal-child health programs.
PTSRPhD-10	<b>Practical Competence</b> Hands-on experience in Conduction labour, performing surgeries, diagnostic procedures, and managing women's health comprehensively.

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**Programme Outcome (POs) for PhD PTSR**

POPTSRPhD-1	<b>Comprehensive Knowledge of Reproductive Health</b> Master advanced concepts in Applied anatomy of female reproductive system, applied physiology of menstruation, conception, Garbhasanskara, embryology, and fetal development, integrating Ayurvedic and modern perspectives.
POPTSRPhD-2	<b>Holistic Antenatal and Postpartum Care</b> Gain expertise in preconception counseling, antenatal care, labour management, postpartum care, and neonatal health.
POPTSRPhD-3	<b>Management of Gynecological Disorders</b> Diagnosis and management of Gynecological diseases including benign and malignant lesions of reproductive tract using integrative approaches.
POPTSRPhD-4	<b>Surgical and Emergency Skills</b> Develop proficiency in obstetric and gynecological surgeries, emergency management, and therapeutic interventions like Panchakarma and Sthanik Chikitsa.
POPTSRPhD-5	<b>Research, Ethics, and Legal Framework</b> Conduct advanced research, apply modern diagnostic techniques, and adhere to ethical practices and medico-legal regulations in gynecology and obstetrics.

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