

# MASTERCLASS IN RENAL NUTRITION





## **About Nutri World**

Nutri World, established in 2017 by Dietitian Dipanwita Saha, is a renowned Sole Proprietorship Nutrition Education and Consultancy business based in India. Certified by IAF, ISO, MSME, and TRADEMARKED, Nutri World has educated over 20,000 students globally, offering a range of nutritional courses and diet consultancy services. With a dedicated team of 25 Nutrition Faculties and 10 Clinical Dietitians, the organization works internationally, serving countries like Bangladesh, the UK, USA, Netherlands, Nigeria, and the Philippines. Nutri World aims to promote nutrition education, raise awareness for healthy lifestyles, and become a leading platform for education and dietrelated services in India.





## Founder & Director DIPANWITA SAHA

Clinical Dietitian & Nutripreneur M.Sc. (Clinical Nutrition & Dietetics), | PGD (Food Technology) | Certified Diabetes Educator | Certified Oncology Dietitian | Associated with Kolkata Heart Foundation as a Consultant Dietitian | Consultant Dietitian at Suraksha Polyclinic | Sr. Nutritionist at Hiya Heart Clinic | Sr. International Nutri Educator at 20 Minutes Medical, Bangladesh | Life Member of Indian Association of Parenteral & Enteral Nutrition | Bengali Book Writer - "Aapnar Shoreer Bolchhi"

#### **Achievement**

- O The Real Super Woman Award, 2022 by by Forever Star India
- India's Top Ideal Woman Award 2023, Presented by Femmetimes India -Category- Woman Healthpreneur & Also Featuring of Entrepreneur Journey on Femmetimes Magazine
- Star Woman of the Year-2023 Presented by India Star Community-Category- Young Dietitian
- International Diabetes Educator Excellence Award 2023 by USV & NDEP
- Bengal Leadership Award Holder 2024 by Today's Story
- Bengal Icon Award Holder 2024 by Today's Story

## **About Course**

Masterclass on Renal Nutrition by Nutri World designed to provide in-depth knowledge and practical insights into managing kidney-related dietary concerns. Led by experienced dietitians, this session will cover essential aspects such as dietary modifications for different of kidney disease, fluid and electrolyte and personalized management, meal planning strategies. Whether you are a student or a practicing nutritionist, this masterclass will empower you with the expertise needed to support renal patients effectively. Join us and enhance your skills in this critical area of clinical nutrition.



### **COURSE DETAILS**

**DURATION** 

6 Months

FORMAT LIVE ONLINE CLASSES

1 Hour classes conducted on the Google Meet Platform

**DATE & TIME** 

The Time schedule will be shared after completing the admission process.

**ELIGIBILITY** 

Bsc Final Year, Msc in Nutrition Pursuing or Passed out

CERTIFICATION

Provide E-Certification (ISO Registered Certification)

**EXAMINATION** 

F.M: 50 Marks- MCQ Type Google Form Exam (Pass Marks will 70% in total will be needed to qualify in exam)

#### **SPECIAL FEATURES**

- Recorded Classes will be provided after every class
- Exclusive soft copy study materials will be provided

## Course Syllabus

#### Module: 1: Introduction to Renal Nutrition

- Basics of Kidney Function
- Role of Nutrition in Renal Health
- Overview of Renal Diet Principals
- Renal Diet Calculation Method

#### **MODULE: 2: ACUTE KIDNEY INJURIES (AKI)**

- Introduction
- Pathophysiology of AKI
- Nutritional Management during AKI
- Case Studies and Practical Approaches

#### **MODULE: 3: CHRONIC KIDNEY DISEASES (CKD)**

- Introduction
- Stages of CKD and their Nutritional Implications
- Protein intake in CKD
- Sodium, Potassium, Phosphorus management
- Fluid Balance in CKD

#### **MODULE: 4: END-STAGE RENAL DISEASES (ESRD) AND DIALYSIS**

- Introduction
- Nutritional Needs for Hemodialysis and Peritoneal Dialysis
- Managing Electrolyte Imbalances
- Nutritional Supplements and alternatives

#### **MODULE: 5: DIABETIC NEPHROPATHY**

- Introduction
- Connection between Diabetes and Kidney Disease
- Glycemic Control and Renal Nutrition
- Special Dietary Considerations

#### **MODULE: 6: HYPERTENSIVE NEPHROPATHY**

- Introduction
- Impact of Hypertension on Kidney Function
- Dietary Approaches to Managing Blood Pressure
- Role of DASH Diet in Renal Health

#### MODULE: 7: POLYCYSTIC KIDNEY DISEASE (PKD)

- Introduction
- Pathophysiology of PKD
- Dietary Interventions to Slow Disease Progression
- Managing Symptoms through Nutrition



## Course Syllabus

#### **Module: 8: Glomerulonephritis**

- Introduction
- Types of Glomerulonephritis and Their Nutritional Needs
- Anti-inflammatory Diets and Renal Health
- Proteinuria and Dietary Adjustments

#### **MODULE: 9: NEPHROTIC SYNDROME**

- Introduction
- Understanding Nephrotic Syndrome
- Nutritional Strategies to Manage protein loss
- Addressing Oedema and Hyperlipidemia

#### **MODULE: 10: INTERSTITIAL NEPHRITIS**

- Introduction
- Causes and Nutritional Management
- Reducing Inflammation through Diet
- Case Studies

#### **MODULE: 11: KIDNEY STONES**

- Introduction
- Types of Kidney Stones and their causes
- Dietary Approaches to preventing stone formation Anti-inflammatory Diets and Renal Health
- Role of hydration and specific nutrients

#### **MODULE: 12: RENAL TUBULAR ACIDOSIS**

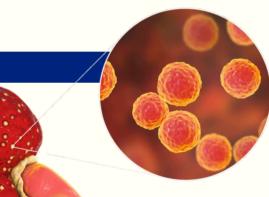
- Introduction
- Overview of renal tubular acidosis
- Dietary Modifications to manage acid-base balance
- Nutritional Considerations for Bone Health

#### **MODULE: 13: ALPORT SYNDROME**

- Introduction
- Genetic Basis and Nutritional Needs
- Managing Hearing Loss and vision problems through diet
- Case Studies and Practical Tips

#### **MODULE: 14: LUPUS NEPHRITIS**

- Introduction
- Difference between lupus and kidney disease
- Anti-inflammatory and immunomodulatory diets
- Nutritional support during flare-ups



## Course Syllabus

#### **Module: 15: Renal Osteodystrophy**

- Introduction
- Impact of CKD on bone health
- Managing Calcium, Phosphorus, and vitamin D
- Nutritional Interventions for bone strength

#### **MODULE: 16: UREMIA**

- Introduction
- Understanding Uremic Symptoms
- Nutritional management of Alleviate uremia
- Reducing Toxin Buildup through Diet

#### **MODULE: 17: FABRY DISEASE**

- Introduction
- Pathophysiology and Nutritional Needs
- Role of Enzyme Replacement Therapy and Diet
- Case Studies and Dietary Planning

#### **MODULE: 18: IGA NEPHROPATHY (BERGER'S DISEASE)**

- Introduction
- Overview and Nutritional Management
- Role of Omega 3 fatty Acids and Immunosuppressants
- Practical Dietary Tips

#### **MODULE: 19: RENAL CANCER**

- Introduction
- Nutritional Support during Cancer Treatment
- Managing Side Effects of Treatment
- Dietary Strategies for Recovery and Health Maintenance

#### **MODULE: 20: PAEDIATRIC RENAL DISEASES**

- Introduction
- Special Considerations for Children with Renal Disease
- Growth and Development Concerns
- Tailoring Nutritional Plans for Pediatric Patients

#### **MODULE: 21: TRANSPLANT NUTRITION**

- Introduction
- Pre- and Post-Transplant Nutritional Needs
- Managing Immunosuppressive Therapy through Diet
- Long-term Nutritional Considerations



## **Our Faculty Members**



#### **DEBASREE SADHU**

M.Sc in Food Processing & Nutrition
B.Sc in Food & Nutrition
Assistant Professor (OIHS, WBUHS)
Certified Diabetes Educator
Certified Renal Nutritionist
Certified Community Nutritionist



M.Sc in Food and Nutrition
Certified Diabetic Educator
Renal Dietitian at Nephrocare India Ltd



## Admission Process & Fees Structure

**REGISTER NOW** 

(Click the link & fill up the admission form)

#### **FEES STRUCTURE**

ONE-TIME PAYMENT:

₹3999/
(FOR 6 MONTHS)

MONTHLY PAYMENT:

(FOR 6 MONTHS)

FOR MONTHLY PAYMENT

TOTAL FEES WILL BE ₹ 4800/-

(After enrollment fee cannot be refunded at any circumstances )

#### **Contact Details**

WhatsApp no: +919647372176/+919593393446 Email: management@gonutriworld.com Website: www.gonutriworld.com



# Disclaimer

This training program/course is not designed to qualify participants as dietitians or to use the title of a dietitian. Becoming legitimate dietitian nutritionist requires a minimum of five years of formal education at a recognized college or university. This typically includes pursuing advanced degrees such as a Master's in Food & Nutrition, Food Science, or Dietetics, complemented by a practical internship in a hospital setting. Additionally, it is advisable to pass the national Registered Dietitian (RD) examination to achieve professional recognition in this field. Please note that our program does not support or advocate for short-term crash courses that claim to certify individuals as dietitians in an unrealistic timeframe. Our aim is to provide foundational knowledge and skills, not to replace the extensive education and certification required for dietetics professionals.

