



CERTIFICATE COURSE IN CRITICAL CARE NUTRITION

2018

PROGRAM INFORMATION BOOKLET



Life Long Learning

Contact:

The Society for Clinical Nutrition and Metabolism (IAPEN)
MIG 245, Midhilapuri Vuda Colony,
Madhurawada, Visakhapatnam, Andhra
Pradesh, India. Pin: 530048
Phone: 0091 9986795754
Email: info@iapen.co.in
Website: <http://edu.iapenll.com>

The Society for Clinical Nutrition and Metabolism Lifelong Learning Initiative provides stimulating, congenial, and varied opportunities designed specifically for lifelong learners in advanced clinical nutrition.

Certificate Course in Critical Care Nutrition

The six months Certificate Course in Critical Care Nutrition is a part of Lifelong Learning Initiative of IAPEN. The certificate courses provides an intensive, evidence-based, self-paced learning program that provides practitioners the latest information on implementing nutrition care in Indian hospital settings. The Course assisted by a National Nutrition Support Certification Board of IAPEN and experienced nutrition support clinicians from across the country, the program provides a balance of background information, current research and practical information. Kindly check the information booklet for course contents and modules.

Course Type: Distance Learning
Assignments: Yes
Project Work: Yes
Publication: Optional
Examination: Yes
Examination Centre: All Major Cities
Exam Dates; Flexible
Doubts: Online/Personal
Duration: 6 Months
Max Duration: Unlimited
Course Material: Hard Copy

Mail your Biodata
to
info@iapen.co.in
or check

How To
Apply

<http://edu.iapenll.com>

Eligibility



Any Undergraduate or Postgraduate Degree in any branch of education containing "Biochemistry" as one basic subject with laboratory can join the IAPEN lifelong learning courses.



The Society for Clinical Nutrition and Metabolism

About IAPEN

The Society for Clinical Nutrition and Metabolism (IAPEN) is an organization in the field of parenteral and enteral nutrition and promotes basic research, clinical research, advanced education, organization of consensus statements about clinical care and quality control.

IAPEN is a registered charity under Society Registration Act, Government of India.

IAPEN is the additional link to the already existing chain consisting of American Society for Parenteral and Enteral Nutrition (ASPEN), European (ESPEN, BAPEN), Australian (AusPEN), Parenteral and Enteral Nutrition Society of Asia (PENSA) and South African (SASPEN) societies.

Mission statement

1. To help ensure that those suffering from malnutrition or other nutritional problems are appropriately recognised and managed (adopted from BAPEN, UK)
2. To help ensure that proper nutrition is supplied to children in orphanages, anganwadis and schools, students in hostels and pg accommodations, patients in hospitals, senior citizens in old age homes and customers in restaurants.

Aim

1. To improve the nutritional care of people at risk of malnutrition, whether in hospitals or in the community.
2. To improve the basic and advanced clinical research and to organize the consensus statements about clinical care and care quality control.

IAPEN Lifelong Learning Initiative

The IAPEN Lifelong Learning Initiative provides stimulating, congenial, and varied opportunities designed specifically for lifelong learners in advanced clinical nutrition research.

In order to promote life long learning in basic and advanced clinical nutrition and to facilitate the academic pursuits of more number of nutrition support clinicians from the educational institutions, hospitals and health care settings,

To help ensure that those suffering from malnutrition or other nutritional problems are appropriately recognised and managed

The Society for Clinical Nutrition and Metabolism (IAPEN) announces various courses which will be made available in all major cities in India.

For more information, check <http://edu.iapenll.com>

IAPEN Nutrition Support Certification Board

IAPEN Nutrition Support Certification Board is formed after five years of inception of IAPEN with the help of Expert Nutrition Support Clinicians present in India.

Nutrition support is a specialized practice that requires the expertise of multiple health-care professionals including physicians, dietitians, pharmacists, physician assistants, and nurses. IAPEN Nutrition Support Certification Board credentialing program provides a valuable addition to your professional experience and contributes to excellent care.

The IAPEN Certified Nutrition Support Clinician is certified by IAPEN Nutrition Support Certification Board.

Nutrition Support Certification Board Members

Dr. C. S. Chamania, Professor and Head, Department of Surgery, Choithram Hospital and Research Centre, Indore, India

Dr. Ashwin dabhi, Counseling and Consulting Physician in Metabolic and Nutritional Disorder, Sujivan Hospital, Ahmedabad, Gujarat and ESPEN, UK, Certified Expert.

Dr. P. C. Vijaykumar, Chief Anaesthesiologist and Critical Care Physician, Sooriya Hospital, 1/1A, Arunachalam Road, Saligramam, Chennai.

Dr. Parveen Malhotra, Associate Professor and Head of the Department of Medical Gastroenterology, Pandit Bhagwat Dayal Sharma Post-Graduate Institute of Medical Sciences (PGIMS), Medical Rd, Rohtak, Haryana 124001

Madhu Sharma, Sr. Dietician (Retired), Department of Dietetics, Post Graduate Institute of Medical Education and Research (PGIMER), Sector 12, Near Punjab University, Chandigarh, 160012, Punjab, India

Dr. S. P. Suryanarayana, Professor and Head, Department of Community Medicine, Ramaiah Medical College, MSR Nagar, Mathikere, Bangalore - 560054, Karnataka, India.

Dr. Santhamma Sasankan, Deputy Director (Nursing) (Retired), Director Health Services (DHS), Govt Of Madhya Pradesh and Vice President (West Region), Trained Nurses' Association of India (TNAI).



*Putting patients at the centre
of good nutritional care*



**LEADING THE SCIENCE AND
PRACTICE OF CLINICAL NUTRITION**

IAPEN Journals

Journal of Nutrition Research
***Indian Journal of Parenteral and
Enteral Nutrition***

Contact IAPEN

**Dr. R. R. Siva Kiran, Joint Secretary, IAPEN,
MIG 245, Midhilapuri Vuda Colony, Madhurawada,
Visakhapatnam, Andhra Pradesh, India.
Pin: 530048**

Website: <http://www.iapen.co.in>

Email: info@iapen.co.in

Mob:0091 9986795754



Certificate Course in Critical Care Nutrition

The Society for Clinical Nutrition and Metabolism (IAPEN) announces the Certified Course in Critical Care Nutrition in all major cities throughout India including Sri Lanka, Nepal and Bangladesh.

The Society for Clinical Nutrition and Metabolism (IAPEN) is an organization in the field of parenteral and enteral nutrition and promotes basic research, clinical research, advanced education and organization of consensus statements about clinical care and quality control.

In order to promote lifelong learning in basic and advanced clinical nutrition and to facilitate the academic pursuits of more number of clinical nutritionists, doctors, dieticians from the educational institutions, hospitals and health care settings, The Society for Clinical Nutrition and Metabolism (IAPEN) announces the Certified Course in Critical Care Nutrition in all major cities throughout India.

About Course

Certificate Course in Critical Care Nutrition provides an intensive, evidence-based, self-paced learning program that provides practitioners the latest information on implementing nutrition care in the ICU. The Course assisted by a IAPEN Nutrition National Advisory Committee of The The Society for Clinical Nutrition and Metabolism and experienced critical

care clinical nutritionists and dietitians from across the country, the program provides a balance of background information, current research and practical information of Burns, Trauma and critical care nutrition.

The Course Includes

1. An examination of the management of nutrition support therapy in ventilated, critically ill, burn and trauma patients.
2. An overview of critical illness, its consequences on organ function, treatments, and effects on nutrient metabolism.
3. Discussions on the use of Enteral and Parenteral therapy, and the benefits and indications for each.
4. An evaluation of the specific issues surrounding selection and supplementation of macronutrients and micronutrients and case studies.

Total Credits: 5 Credits

Total Modules: 3 (3 Credits)

Project Work: 1 (2 Credits)



***Critical Care in typical
Indian Hospital Settings***



Modules

- 1. Enteral Nutrition**
- 2. Parenteral Nutrition**
- 3. Nutrition support in Burn, Trauma and Critically ill patients**

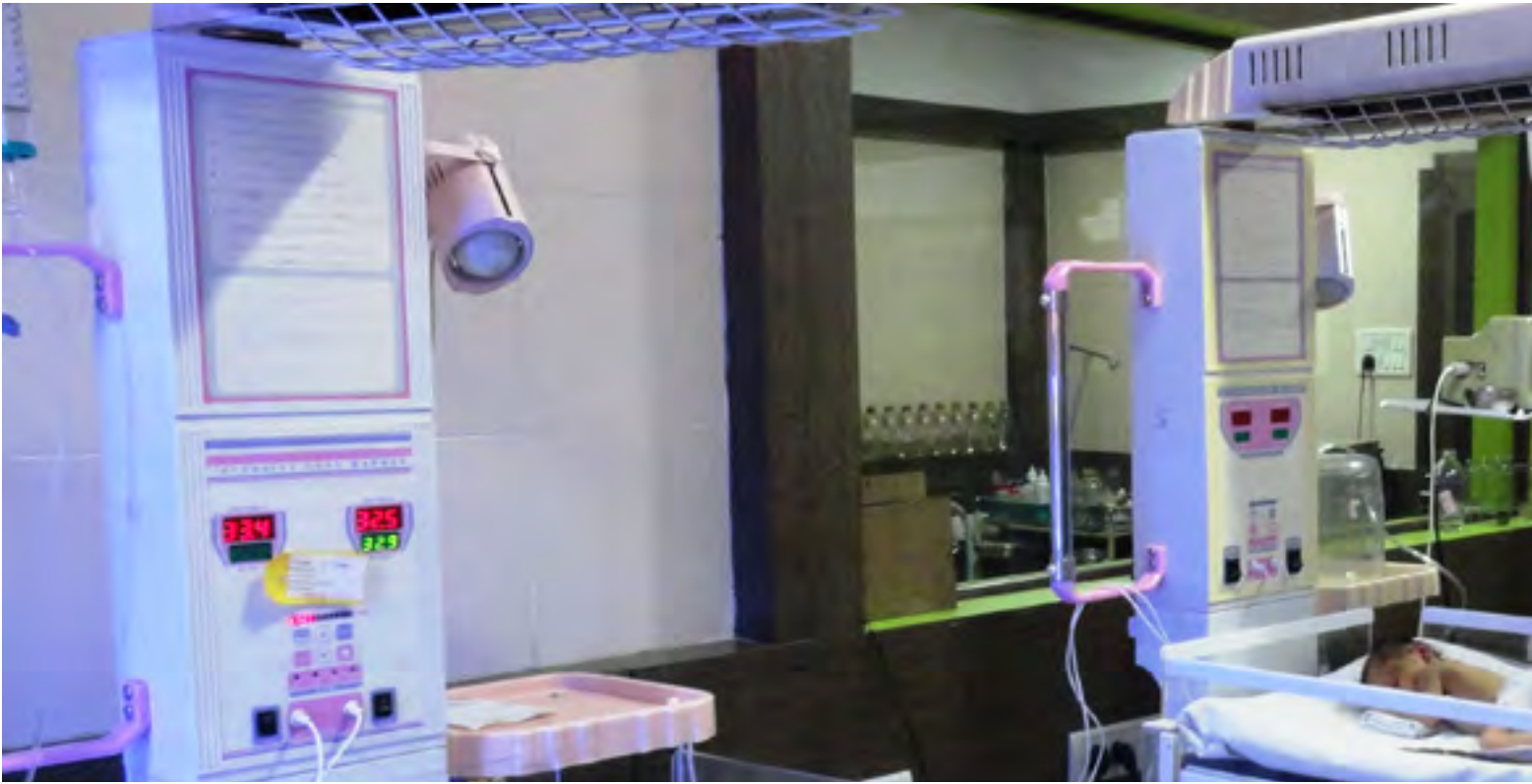
Module Contents:

Enteral Nutrition

1. Introduction and flow diagrams for nutritional planning.
2. Enteral nutrition formulations-1
3. Enteral nutrition formulations-2
4. Routes of enteral feeding
5. Regimens for enteral feeding
6. Monitoring of nutrition support
7. Nutrition risk assessment
8. Enteral nutrition orders
9. Monitoring
10. International and National Guidelines

Parenteral Nutrition

1. Indications for Parenteral Nutrition
2. Contraindications for Parenteral Nutrition
3. Nutritional Assessment
4. Venous Access
5. Parenteral Solutions
6. Solution Stability/Compatibility Issues
7. Administering Parenteral Nutrition
8. Complications Associated with Parenteral Nutrition
9. Monitoring and Ceasing Parenteral Nutrition
10. Parenteral nutrition support at home and National and International guidelines



Nutrition support in Burn, Trauma and Critically ill patients

1. Absorption, metabolism and sterilization of micro and macro nutrients
2. Nutritional status and body composition of Burn, Trauma and Critically ill patients
3. Criteria for implementation of nutrition support
4. Principles of prescription (Route and amount)
5. Composition of nutrition support formulas for Burn, Trauma and Critically ill patients
6. Management of enteral nutrition
7. Management of parenteral nutrition
8. Post ICU Management
9. Ethical issues and case studies
10. Case studies in Burn, Trauma and Critically ill patients. for nutritional planning.

Course Coordinators

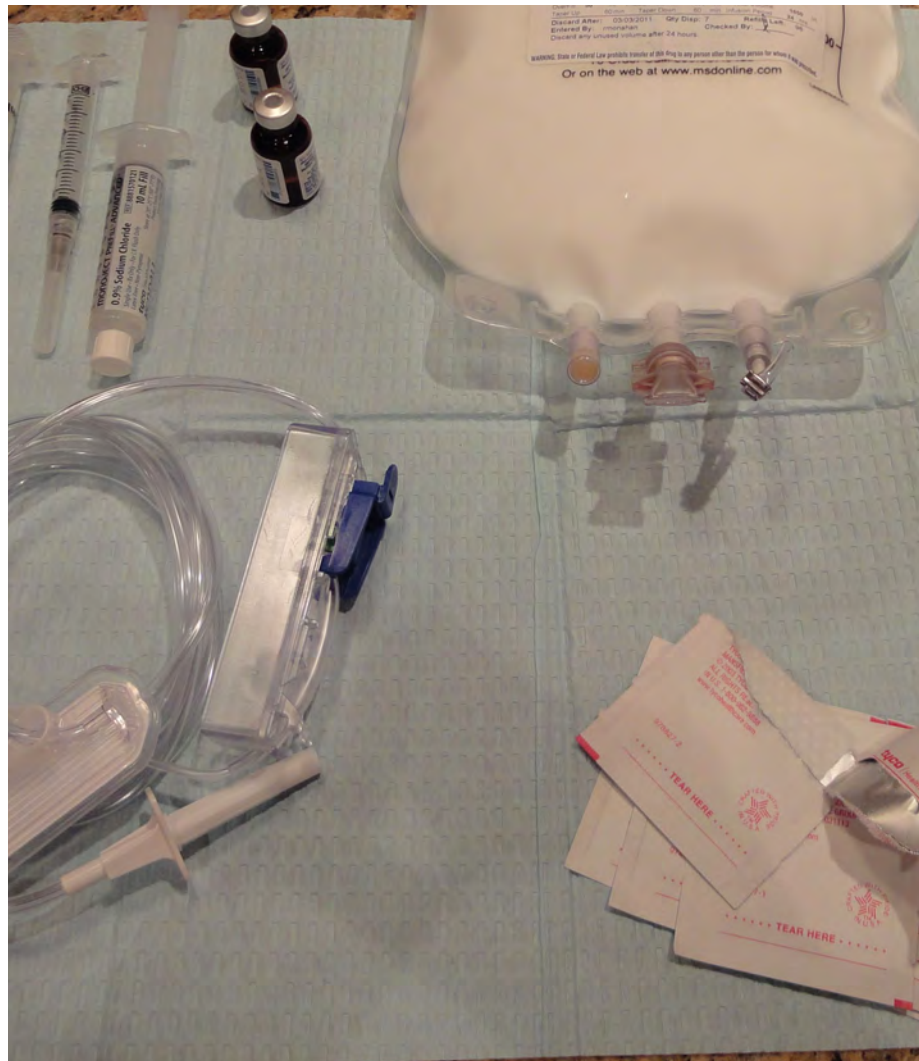
Regional Officers of IAPEN

Full List:

<http://iapen.co.in/regional-representatives.html>

Email: info@iapen.co.in

Website: <http://edu.iapen.co.in>





Basic Qualification and Eligibility

Any Undergraduate or Postgraduate Degree in any branch of education containing "Biochemistry" as one basic subject with laboratory can join the IAPEN lifelong learning courses. The decision was taken based on the diversity of the courses offered by Universities throughout India and to encourage more number of Nutrition Support Clinicians.

People without having Biochemistry basic subject can also join the above courses after writing a written examination on "Lehninger Principles of Biochemistry, 2nd Edition, Albert Lehninger, David Nelson, and Michael Cox, Worth Publishers, Inc., New York, 1992" book.

How to Apply?

Candidates cannot enroll directly. Candidates have to mail their complete bio-data to info@iapen.co.in for more information about the course. One

of the member of Nutrition Support Certification Board of IAPEN should check the bio-data and accept the enrollment of the candidate. Usually it will take minimum 3 working days.

Candidates can also consult the Regional Officers of IAPEN for more information about the course. The list of Regional Officers is available at <http://iapen.co.in/regional-representatives.html>

Course Enrollment Dates

The course is offered throughout the year. Candidates can join at any time by sending their bio-data to info@iapen.co.in. Fee payment and other details will be sent only after approval from Nutrition Support Certification Board of IAPEN.

Course Material

The cost for course materials is included in course registration fees. The course material books will be send to the

candidate within 15 working days from the date of payment of registration fee. The course material includes, course information booklet, list of assignment questions, approximate date of completion, required materials as per the module.

Assignments

The candidates have to answer about 56 questions (Two Modules) in the first two months by referring to the course materials. The answers should be written on A4 sheets and each answer should be minimum 3 pages and each page should contain minimum 30 lines. In case of diagrams separate sheets can be used. If the course material is not sufficient to answer the questions, then other resources like Internet or expert opinion has to be taken. The assignments will help in understanding the Evidence Based Nutrition Practice (EBNP). The learning experience will improve based on how much time the candidate spends on learning these advanced concepts.



Project Work and International Publication

The course contains two months project work and publication. The candidates can mail their daily job routine and complete bio-data with list of interested topics to info@iapen.co.in for more information about the project topics and guidance. The project work has to be done only at the workplace and need not require special internship or special training. Guidance will be given for possible completion of project work within stipulated time.

Examination

Examinations will be conducted at respective chapters throughout India with the help of Regional Officers of IAPEN. The question paper for the examination will sent online by IAPEN on the day of the examination. The examination will be conducted by following the norms of the institution/hospital. The course coordinator will take printout of the question paper and conduct the examination. There will be one test at the end of the course containing all three papers and the candidate should clear the test in the first attempt. Greater than 85% is required for getting eligibility. Candidates scoring less than 85% can again write the examination after 15 days. The maximum period for completion

should not exceed one year. The candidate can withdraw the course at any time but the fee amount will not be refunded. Provision for supplementary exam is made on regional officer's discretion.

International Publication

IAPEN encourages all candidates to publish their project work in any international journal indexed by Pubmed or IAPEN Journals or ASPEN or ESPEN Journals.

Doubts/Clarifications

Candidates can mail to info@iapen.co.in or candidates can also contact respective regional officers for clarification of their doubts. If they need clarification by expert then personal appointment with experts will also be arranged.

Fee structure

Course Fee : 25550 (USD 950)

The USD rates are applicable to foreign participants.

Course Duration: 6 Months

Tentative Dates for Starting the Courses

The course will be open throughout the year and the applications will be considered 14th of every month. Course will start from 1st of every month. The tentative dates can be 1st Jan, 1st Feb, 1st Mar, 1st Apr, 1st May, 1st June, 1st July, 1st Aug, 1st Sep, 1st Oct, 1st Nov and 1st Dec.

Certification

A course completion certificate and marklist will be issued by IAPEN. The certificate will be recognized by all Sister PEN societies and organizations registered under IAPEN.

Admission Procedure

1. Apply Online: Prospective candidates can mail to info@iapen.co.in for online application. The application has to be filled along with the Admission Number Issued by IAPEN. Applicants indicate whether they will pursue which Certificate Course are enrolling for personal enrichment.

2. Admission Process: IAPEN's Admissions Team reviews an applicant's expressed goals and assists the applicant with submission of any required documentation, including official transcripts.

3. Getting Started: After transcripts (or certificates) are evaluated, the IAPEN's Admission Team will enroll the candidate and send the required materials to the postal address. Students can submit assignments through postal service. Minimum 2 modules have to be completed for submitting the assignments.

Attendance

The candidate has to complete the assignments within the stipulated time given at the end of each question. In case of delay in submission of assignments, a request email has to be sent to info@iapen.co.in for extending the date of submission.

Suppose, if he/she fail to submit assignment without prior permission then his/her admission will be cancelled. Fee will not be refunded.

IAPEN Holidays

The IAPEN is closed on all National holidays or Gazetted Holidays announced by the Ministry of Personnel, Public Grievances and Pensions, Government of India. Any communications to the IAPEN during holidays will be answered on the next working days.

Academic Information

The Core Team of Lifelong Learning Initiative and Nutrition Support Certification Board, IAPEN primarily serves as the voice for curriculum research and selection, instructional design, course development, faculty selection, articulation, student retention and outcomes assessment.

Instructional Model

The goal of the IAPEN is to provide a high-quality educational experience to both students and faculty through distance learning using innovative technologies and teaching techniques. The instructional model for undergraduate classes is a modified open-enrollment study track conforming to the following:

- A cohort consists of one student.
- Enrollment is offered 1st of every month 12 times per year.
- Each enrollment has a fixed start date and end date.
- Students are required to submit assignments after completing two modules.
- Students are required to prepare Project Report in a prescribed format.
- Students have to write examination after submitting the project report.
- Respective course coordinators finalize course grades within seven (7) calendar days of course end date and grades become official within fourteen (14) calendar days of course end date.

Academic Term

An academic term for this six months courses is defined as a 24 weeks. Assignments must be turned in according to the established course schedule. The start of an academic term begins on the published start date of the academic quarter.

Course Format and Access

IAPEN courses and programs are 100% distance education with no residency requirement. Dormitory facilities, housing availability, and institutional assistance with housing is not offered and does not apply.

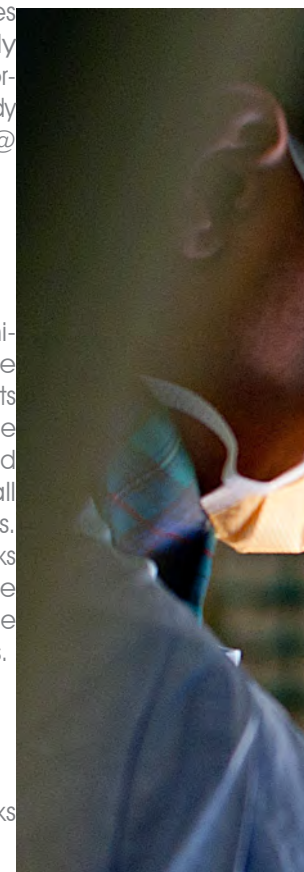
Study Centres

There are many study centres all over India from Delhi to Pondicherry and from Ahmedabad to Kolkatta. We have study center in Assam and Sikkim. Students can approach the study centres for doubts or lab practical's etc. The students have to pay a nominal fee based on the services given by the study centre. For more information about the study centres mail to info@iapen.co.in.

Credits and Grades

The course coordinators are responsible for grading all students assigned to them. The credits will be awarded after completing all course requirements. The examination marks will be in percentage and the grades will be awarded as follows.

- S : 90-100 Marks,
A : 70 – 90 Marks,
B : 50 – 70 Marks,
C : Less than 50 Marks



More information about Course

The candidate have to complete the first two modules and inform IAPEN by sending email to info@iapen.co.in. IAPEN will mail the postal address for posting the assignments to the candidates. IAPEN course coordinator will sent the postal address within 5 working days.

The candidate has to start working on remaining modules and also start literature review for 2 months project work. Candidate can also take help by sending email to info@iapen.co.in for more help and guidance.

After completing the project work, candidate has to try for International Publication with the help of IAPEN.

After submitting the paper, candidate can again sent one request email for finalizing the examination dates and examination centre.

Grievance

Customer complaints, appeals and grievances in relation to education and training will be handled by the Ms. Pratibha Sharma, Hon Secretary, IAPEN

Eligibility

Dietetics interns, B.Sc. food science & nutrition, B.Sc. clinical nutrition, or Basic degree in nutrition with minimum 2 years of experience in multispecialty as dietician. Medical PG, resident doctors, gastroenterologist, nursing staff, pediatricians with minimum B.Sc. Nursing qualification, etc.

Other Requirements: Shoult attend atleast one workshop or conference or seminar. More information, mail to iapenmeet@gmail.com or call to 0091 9986795754 (Dr. Siva Kiran RR, Joint Secretary, IAPEN) or check our Lifelong Learning weblink <http://edu.iapenll.com>.





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