



19th Hyderabad Annual Radiologic Physics Course

Through Digital Platform

Date :
12th & 19st July 2020



Organized by:
Indian Radiological & Imaging Association
Telangana State Chapter

WHO SHOULD ATTEND HARP COURSE?

All Radiology Post graduate Students doing MD, DMRD or DNB should attend this course at least once during their training, preferably in first year. All the MBBS graduates who are committed to Radiology and aspire to be Radiologist by profession should attend. Students preparing for FRCR will be benefitted.

Highlights of HARP Course:

- ✓ Radiologic Physics is covered from very basic to most advanced technology i.e. first lecture is on “Basic Concepts & Electro magnetic Radiations” and last lecture is on “Molecular Imaging and other evolving technologies”. Artificial Intelligence in the new advanced topic which is included in this years course.
- ✓ Majority of the speakers are experienced practicing clinical Radiologists and good teachers who will impart very practical and relevant knowledge of physics.
- ✓ Special effort is made to cover the examination questions of last 10 years in all the lectures.
- ✓ Detail write up of all the lectures will be sent to the participants online.

Dr. Venkat Ram Reddy

President, IRIA TS Chapter
& Organising Chairman

Dr. Ravuri Power

General Secretary, IRIA TS Chapter
& Organising Secretary

Dr. Gayatri S

Dr. Vishnu Vardhan Ravilla

Dr. Ankit Balani

Course Coordinators

PROGRAMME

Day 1 - 12th July 2020

8:45 to 9:00 am Introduction to HARP

9.00 to 9:30 am Basics of electromagnetic radiation
- Dr Jwala Srikala

9:30 to 10.00 am X ray production, tubes and generators
- Dr Shruthi Kalyan

10.00 to 10:45 am X ray interaction and attenuation, filters and beam restricting devices
- Dr Ankit Balani

10:45 to 11:15 am Radiobiology
- Dr Sapna Marda

11:15 to 11:30 am TEA BREAK

11:30 to 12:15 pm Radiation Protection
- Dr Rakhee Kumar

12:15 to 1.00 pm Factors affecting radiographic image quality
- Mr Panneer Selvam

1.00 to 1:30 pm CR and DR
- Dr Ramakrishna Baru

1:30 to 2.00 pm LUNCH BREAK

2.00 to 2:30 pm Fluoroscopy
- Dr Srinadh Bopanna

2:30 to 3.00 pm Quality assurance in Radiology department
- Mr Ram C K

3.00 to 3:45 pm CT Basics
- Dr Aruna Karnawat

3:45 to 4:00 pm TEA BREAK

4:00 to 4:45 pm Spiral and MDCT
- Dr Ramakrishna N

4:45 to 5:30 pm CT post processing
- Dr Vishnu Vardhan Ravilla

5:30 to 6:00 pm PACS
- Dr Anitha Mandava

Day 2 - 19th July 2020

- 9.00 to 9:35 am MR Basics and Hardware
- Mr Panneer Selvam
- 9:35 to 10:10 am MR signal, Spin Echo, Inversion Recovery
- Dr Shivakanth
- 10:10 to 10:45 am GRE, Steady State, SWI
- Dr Gayatri S
- 10:45 to 11:00 am Factors affecting MR image quality
- Dr Shivakanth
- 11:00 to 11:25 am K Space, EPI, MR safety
- Mr Panneer Selvam
- 11:25 to 11:30 am Q and A
- 11:30 to 11:40 am TEA BREAK
- 11:40 to 12:10 pm DWI, DTI, MR Spectroscopy
- Dr Shivakanth
- 12:10 to 12:45 pm MR Perfusion, fMRI, Fat suppression techniques
- Dr Gayatri S
- 12:45 to 1:05 pm MRA, MRV
- Dr Ramakrishna N
- 1:05 to 1:20 pm MR Artifacts
- Dr Shivakanth
- 1:20 to 1:30 pm Q and A
- 1:30 to 2:00 pm LUNCH BREAK
- 2:00 to 2:30 pm Ultrasound Basics
- Dr Ruju Doshi
- 2:30 to 3:00 pm Doppler Basics
- Dr Aruna Karnawat
- 3:00 to 3:40 pm Ultrasound Advances
- Dr Madhavi Noori
- 3:40 to 3:50 pm TEA BREAK
- 3:50 to 4:20 pm Nuclear Medicine Basics
- Dr Anuj Jain
- 4:20 to 4:40 pm SPECT, PET CT, PET MRI
- Dr Hrushikesh
- 4:40 to 5:10 pm Molecular Imaging
- Dr Suneetha B
- 5:10 to 5:30 pm Molecular imaging in COVID
- Dr Sikander Shaik

REGISTRATION FORM

Name:.....

IRIA Membership No.:.....

Designation:.....

Institution:

Address:.....

E-mail:.....

Contact No.:.....

REGISTRATION FEE FOR 2 Days (12th & 19th July 2020)

MEMBERS

Before
30th June
Rs. 600/-

Before
10th July
Rs. 1,000/-

No Spot
Registration

NON - MEMBERS

Before
30th June
Rs. 800/-

Before
10th July
Rs. 1,200/-

No Spot
Registration

Payments for Registration can be done through NEFT/
RTGS.

Name of the Bank : Indian Bank, Banjara Hills (01674)
Account Name : Telangana State Chapter IRIA
Account Number : 6243807479
IFS Code : IDIB000B090

Note: The payment through bank transfer should be followed
up with an e-mail confirmation of the Bank transfer with an
attachment of scanned copy of counter foil.

ADVISORS

Dr. Prabhakar Reddy

Dr. T.L.N. Praveen

FOUNDER

Dr. L.T. Kishore

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Dr. Vikas Reddy P

Address for Correspondence

General Secretary

Telangana State Chapter of IRIA
IRIA House, Flat No 101,
Hasna 13th Avenue Apartments,
Road Number 13, Banjara Hills,
Hyderabad - 500 034.

Contact : 040 - 29803049

Mr. Prashant, Manager - 89772 39215

Dr. Krishna Mohan - 98493 20032

Email : iriatschapter@gmail.com

Web site: www.iriatelangana.org