

NE-00701/TRG/MI&IS/ADVANCE/B-IX
INDIA METEOROLOGICAL DEPARTMENT
INFORMATION COMMUNICATION & INSTRUMENTATION
TRAINING CENTRE, NEW DELHI
(WORLD METEOROLOGICAL ORGANIZATION REGIONAL TRAINING CENTRE)

Dated 11-10-2021

Office Memorandum

The duration of Advance Training in Meteorological instrumentation and information System, Batch No.-IX is 04-10-2021 to 01-04-2022 as per training schedule. The list of trainees nominated for this training has been obtained from Establishment-I which can be seen in **Annexure-I**. The training is being conducted in Hybrid mode (online+ offline mode).

It will be in two phases viz. Self Study(Phase-I) by e-learning is of duration one & half months (04-10-2021 to 12-11-2021) and online Classroom learning (phase-II) of duration four & half months (29-11-2021 to 25-02-2022). Trainees shall continue daily office work along with phase-I self-learning whereas for phase-II, respective office shall follow guidelines set by MTI, Pune vide CRS-Training No.T-03002/FTC/R.A posted on Metnet portal under training circulars dated 18-06-2020.

Nominated trainees are advised to download the study material from <https://metnet.imd.gov.in/imdetp/> for the Self Study (Phase-I) and learn accordingly. There will be an online orientation programme on Self Study (phase-I) from 15-11-2021 to 25-11-2021 and followed by test shall be conducted on 26-11-2021. Trainees will have to attend the test by offline mode being present at their parent office, not below the level of M.C. or AMO (in-charge of which is a Class-I officer) and under the supervision of nominated Gr-A officer/ officer-in Charge (Group -A) of that office.

The modus operandi of the training course is given in **Annexure-II**. The mode of communication for training shall be in English language for all Purpose.

Nominated trainees are requested to provide their email id & mobile no. (Whatsapp) on emailcitrg.centre@imd.gov.in immediately for creation of virtual class room authentication, communication groups etc. In view of participation by foreign trainees in this batch, it is expected that departmental trainees shall limit their discussion during online classes as well as whatsapp communication within the purview of learning only.


11/10/2021
(Samanti Sarkar)
Sc.-E, ICITC (ISSD)

Copy for information and necessary action to:-

- i) RMCs: Chennai/Delhi/Kolkata/Nagpur/Guwahati and CRS Pune
- ii) Esstt-I at HQ, New Delhi and (NCS)
- iii) Intra-IMD website <http://metnet.imd.gov.in>

DGM UOI No.NE-00701/TRG/MI&IS.ADVANCE/B-IX Dated 11-10-2021

एनई-00701/टीआरजी/एमआई एंड आईएस/एडवांस/बी-IX

भारत मौसम विज्ञान विभाग

सूचना संचार एवं उपकरण

प्रशिक्षण केंद्र, नई दिल्ली

(विश्व मौसम विज्ञान संगठन प्रादेशिक प्रशिक्षण केंद्र)

दिनांक 11-10-2021

कार्यालय ज्ञापन

प्रशिक्षण करियक्रम के अनुसार तय किया गए MI&IS, दल संख्या -IX की अवधि 08/10/2021 से 08/08/2022 तक है। इस संदर्भ में स्थापना अनुभाग-१ से प्राप्त किया गए नामांकित प्रशिक्षणार्थियों की सूची अनुबंध-१ में दर्शाया गया है।

यह प्रशिक्षण दो चरणों में आयोजित हो रहा है जो कि हाईब्रिड मोड में रहेगा (ऑनलाइन व ऑफलाइन)। इसका स्वयं अध्ययन (चरण-१) ई-लर्निंग द्वारा डेढ़ महीने (04-10-2021 से 12-11-2021 तक) की अवधि का और ऑनलाइन कक्षा शिक्षण (चरण-२) साढ़े चार महीने की अवधि का (29-11-2021 से 25.02.2022 तक) होगा। प्रशिक्षणार्थी अपने दिन-प्रतिदिन के कार्यालय के काम के साथ प्रशिक्षण(चरण-१) में शामिल होंगे, जबकि चरण- २ के लिए, संबंधित कार्यालय मौसम विज्ञान प्रशिक्षण संस्थान (एमटीआई), पुणे के परिपत्र सीआरएम-प्रशिक्षण संख्या टी-03002/एफटीसी/आरएम में निर्धारित दिशानिर्देशों का पालन करेंगे जिसे मेटनेट पोर्टल पर दिनांक 18.06.2020 को 'प्रशिक्षण परिपत्र' के अंतर्गत डाला गया है।

नामांकित प्रशिक्षणार्थियों को सलाह दी जाती है कि वे स्वयं अध्ययन (चरण-1)के लिए अध्ययन सामग्री <https://metnet.imd.gov.in/imdetp/> से डाउनलोड करें और तदनुसार सीखें। 15-11-2021 से 25-11-2021 तक स्वयं अध्ययन (चरण-1) पर एक ऑनलाइन अभिमुखीकरण(ओरिएंटेशन) कार्यक्रम होगा और इसके बाद 26-11-2021 को परीक्षा आयोजित की जाएगी। प्रशिक्षणार्थियों को अपने मूल कार्यालय, जिसका स्तर मौसम केंद्र या एएमओ (जिसका प्रभारी समूह-'क' अधिकारी है) से कम न हो, में ऑफलाइन मोड में परीक्षा में शामिल होना होगा जो उस कार्यालय के नामित समूह 'क' अधिकारी / प्रभारी अधिकारी (समूह-'क') की देखरेख में होगा।

इस प्रशिक्षण पाठ्यक्रम की कार्यप्रणाली अनुबंध-२ में दी गई है। ट्रेनिंग के सभी उद्देश्यों के लिए अंग्रेजी भाषा एकमात्र माध्यम होगी।

नामांकित प्रशिक्षणार्थियों से अनुरोध है कि वे अपनी ईमेल आईडी और मोबाइल नंबर (व्हाट्सएप) वर्चुअल क्लास रूम प्रमाणीकरण, संचार समूह आदि तैयार करने के लिए ईमेल icitrg.centre@imd.gov.in पर तत्काल उपलब्ध करवाएं। प्रशिक्षणार्थियों से यह अपेक्षित है कि वह ऑनलाइन प्रशिक्षण के दौरान व वॉट्सएप में वार्तालाप के समय इन बीच में विदेशी प्रशिक्षणार्थियों की उपस्थिति को ध्यान में रखते हुए केवल प्रशिक्षण संबंधित चर्चा तक ही सीमित रहेंगे।

सामंती
(सामंती सरकार) 11/10/2021

वै.ई., आई.सी.आई.टी.सी.(आई.एस.एस.डी)

प्रतिलिपि: सूचना एवं आवश्यक कार्रवाई हेतु

(i) प्रादेशिक मौसम केंद्र: चेन्नै /दिल्ली/कोलकाता/नागपुर /गुवाहाटी और जलवायु अनुसंधान एवं सेवाएं पुणे

(ii) स्थापना-1(मुख्यालय), नई दिल्ली और एनसीएस

(iii) इंटर-आईएमडी वेबसाइट <http://metnet.imd.gov.in>

डीजीएम यूओआई नंबर एनई-00701/टीआरजी/एमआई एंड आईएस/एडवांस/बी-९ दिनांक ११-१०-२०२१

| S. No | Name (Sh./Smt.) | Remarks |
|-------|----------------------------|--------------------------|
| 1. | Giri K. Iyer, Met. A | RMC Mumbai(Colaba) |
| 2. | Naresh Kumar, Met. A | AMO Palam |
| 3. | Dorjay Bhutia, Met. A | RMC Kolkata(Darjeeling) |
| 4. | S.N. Bidyanta, Met. A | RMC Nagpur |
| 5. | S.S. Ambarte, Met. A | RMC Nagpur |
| 6. | Ms. Mousumi Dutta, Met. A | MC Gangtok |
| 7. | H.K. Sharma, Met. A | MC Jaipur-RS/RS Jodhpur |
| 8. | Keshav Kumar, Met. A | MC Jaipur-Barmer |
| 9. | Mohd. Kasim, Met. A | RMC Chennai |
| 10. | M.B. Ingulkar, Met. A | RMC Mumbai |
| 11. | Pankaj Ku. Panjala, Met. A | DGM ND (vigilance) |
| 12. | A.K. Singh, Met. A | MC Patna |
| 13. | Janakram Sahu, Met. A | MC Raipur |
| 14. | Kumar Biswajit Das, Met. A | MC Bhubaneshwar |
| 15. | Sanjay Kumar Singh, Met. A | MC Ranchi |
| 16. | Ms. Kalpana Das, Met. A | MC Bhubaneshwar-Gopalpur |
| 17. | Rana Das, Met. A | MC Agartala |
| 18. | Sauvik Barua, Met. A | RMC Kolkata |
| 19. | D.N.Dharpure, Met. A | CRS Pune |
| 20. | M.V. Patrikar, S.A | RMC Nagpur |
| 21. | Kusal Kumar Bhaumik, S.A | MC Agartala |
| 22. | Ravinder Singh, S.A | DGM (ISSD) |
| 23. | Amit Bhatnagar, S.A | DGM (Seismo) |
| 24. | Davinder Singh Khatri, S.A | DGM (Urban Met.) |
| 25. | Braj Mohan, S.A | DGM (NWFC) |

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| S. No | Name (Sh./Smt.) | Remarks |
|-------|---------------------------|--------------------------|
| 26. | Ms. Sushma Singh, S.A | DGM Hydrology |
| 27. | Anand Nagar, S.A | MC Jaipur-RSI/RW Jodhpur |
| 28. | M.M. Ghormade, S.A | RMC Nagpur |
| 29. | Wahid Khan, S.A | MC Bhopal |
| 30. | D.K. Tiwari, S.A | RMC Nagpur-Jabalpur |
| 31. | R.K. Agrawal, S.A | MC Bhopal |
| 32. | Abhijeet Chakrobarty, S.A | MC Bhopal |
| 33. | Nageswara Rao G.V, S.A | CWC Visakhapatnam |
| 34. | Inder Jit Yadav, S.A | DGM (ISSD) |
| 35. | G.S. Swalip, S.A | RMC Chennai |
| 36. | T. Samuel Kangaraj, S.A | RMC Mumbai |

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NE-00701/ TRG/ MI&IS/Advance/ B-VII

भारत मौसम विज्ञान विभाग

सूचना संचार व उपकरण प्रशिक्षण केंद्र नई दिल्ली
(विश्व मौसम विज्ञान संगठन का क्षेत्रीय प्रशिक्षण केंद्र)

दिनांक: 10-08-2020

Subject : Advance Training Course in Meteorological Instrumentation and Information System Batch No.-VII.**Ref. : No. E(1) 71304/ (ICITC)/ Dated: 21st July,2020**

It has been decided by the competent authority that Advance Training Course in Meteorological Instrumentation and Information System Batch No.-VII shall be conducted in distance online mode from 10-08-2020 to 09-02-2021. This course will be carried out through online lecture in the form of audio/video. The modus operandi of this training course is as follows

I. Theory Classes:

- a) Distance learning shall have both online and offline facilities.
- b) A common WhatsApp platform, consisting of all nominated trainees, heads of respective offices of posting of trainees, Head Training, Head ISSD, course officer/local coordinator/assistant and all resource personnel, shall be created.
- c) All theory lectures shall be delivered online using Skype/MS Team/Cisco WebEx etc. To enable trainees to avail the benefits of live online lectures, parent office of individual trainee shall arrange desktop/laptop PC with webcam & headphone, if asked for.
- d) Creation of Google classroom consisting of classes on different subjects. All resource personnel shall be requested to kindly upload their lecture/teaching/training materials under respective subject class in the google class room, before they take online classes using skype/Cisco WebEx etc.
- e) Online lecture of each class shall be recorded and same shall be uploaded in Google classroom to facilitate the trainees to access the lecture offline.
- f) Class and Examination schedule and other training related circulars/notices shall be uploaded in the Google class room as well as in the common WhatsApp platform. Through WhatsApp platform, individual resource personnel shall notify class related matter to trainees.

II. Practical Classes

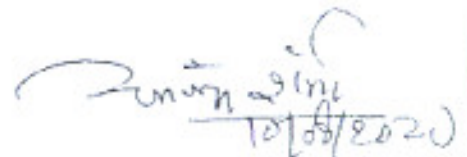
- a) Practical part of the course shall consist of direct practical demonstration of functioning of different kind of observing and communication systems/instruments/devices (Radio/ozone Sonde, Aviation, Radiation, AWS/ARG, Radar, Satellite, telecommunication etc.) by local course coordinator(preferably Gr-A officer) in-line-with relevant video recorded demonstration and lectures of the instruments/devices provided by the instructors of relevant topics.
- b) Direct demonstration of above practical aspects shall be video recorded and uploaded in the

google class rooms too for trainees' learning.

- ④ Participants shall be attached at nearest offices carrying out the related functionality for hands on experience on above practical aspects, OJT and for writing final exam.

III. Conduction of Examination:

- a) All exams shall be conducted at nearest IMD office (RMC or MC or AMO or CWC) under strict supervision of a Group A officer.
- b) Soft copies of exam papers shall be sent to Officer-in-Charges of offices, as mentioned at a & b. in advance and model answers for all question papers shall be sent soon after completion of all papers, for evaluation at local level.



Handwritten signature of Anand Kumar Sharma, dated 10/05/2020.

(Anand Kumar Sharma)
Scientist 'F' & Head(Training)

एन.ई.-00701/टीआरजी/एमआई एवं आईएस/एड्वांस/बी-IX

प्रशिक्षण कार्यक्रम सारणी

(क) मौसम उपकरण एवं सूचना प्रणाली में उच्च प्रशिक्षण दल संख्या 09 का कार्यक्रम निम्नलिखित रूप में है :-

1. प्रशिक्षण प्रारम्भ एवं (प्रथम चरण) (Self Study) : 04-10-2021 से 12-11-2021
2. स्वयं अध्ययन पर इंटरेक्टिव सत्र (Orientation Programme) : 15-11-2021 से 25-11-2021
3. स्वयं अध्ययन पर परीक्षा (Mid Term Examination) : 26-11-2021,(10:30 AM-01:30PM)
4. द्वितीय अध्ययन चरण (online classes) : 29-11-2021 से 24-02-2022
5. मुख्य परीक्षा (paper-I, II & III) : 25th, 28th FEB. & 4th of March. 2022, (10:30AM-1:30PM)
6. प्रोजेक्ट प्रस्तुति (Project Presentation) : 09-03-2022 से 10-03-2022
7. ओ.जे.टी. : 14-03-2022 से 25-03-2022
8. मौखिक-परीक्षा : 29-03-2022 से 30-03-2022
9. प्रशिक्षण समापन : 01-04-2022

सामंती
11/10/2021

वैज्ञानिक-ई (सू.सं.एवं उप.प्रशिक्षण केंद्र)

Orientation Programme (Phase-I)

Advance Training in Meteorological Instrumentation and Information System B.NO. IX 15-11-2021

| 0930-1130 | 1130-1200 | 1200-1330 | 1330-1430 | 1430-1630 | 1630-1700 | 1700-1800 |
|----------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------|
| Session-I | | Session-II | | Session-III | | Session-IV |
| Introduction to Radar Meteorology Sh. B.Bibraj, Sc.C 15-11-2021 To 18-11-2021 | TEA BREAK | Introduction to Satellite Communcation. Dr. Anoop Kumar Mishra Sc. C 15-11-2021 To 18-11-2021 | LUNCH & LIBRARY | AWS & ARG Sh.Anjit Anjan, Sc.E 15-11-2021 To 18-11-2021 | TEA BREAK | Optical Fibre & wire less Communication Sh. Manish Rai, Sc.C 15-11-2021 To 18-11-2021 |
| Introduction to Satellite Technique . Sh. Ramshrey yadav Sc.C 22-11-2021 To 24-11-2021 | | Concept of Networking. Sh. Brajesh kumar, Sc.C 22-11-2021 To 24-11-2021 | | Introduction Web Designing Mrs Suman Gujar, Sc-D 22-11-2021 To 24-11-2021 | | Introduction to Radio Sonde/Radiotheodolites Sh. M.I. Ansari, Sc.E 22-05-2021 To 24-05-2021 |
| Discussion/Preparation 25-11-2021 | | | | Discussion/Preparation 25-11-2021 | | |
| Examination- 26-11-2021 | | | | | | |


 11/10/2021

(Samanti Sarkar)
Scientist- E (ICITC)

Time Table (Phase-II)

Advance Training Course in Met Instrumentation & Information System Batch-IX w.e.f 29.11.2021

| 0930-1130 | 1130-1200 | 1200-1330 | 1330-1430 | 1430-1630 | 1630-1700 | 1700-1800 |
|------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Session-I (Theory+practical) | TEA BREAK | Session-II (Theory+practical) | LUNCH & LIBRARY | Session-III (Theory+practical) | TEABREAK | Session-IV (Theory+practical) |
| Aviation Instruments , Aws & Arg Sh.U.K.Shinde, Sc.E 29-11-21 To 14-11-21 | | Meteorological Communication Systems Sh.Sourav Adhikary, Sc- E 29-11-21 To 14-11-21 | | Antenna & Wave Propagation,Concept of communication & Analog communication(Modulation System) Sh. Rakesh kumar Sc,C 29-11-21 To 14-12-21 | | Introduction to HTML and PHP, GIS platform and development Smt. Suman Gujar Sc. D 29-11-21 To 14-12-21 |
| Networking devices , Security system Sh. Amul Batra,Sc.E 15-12-2021 To 31-12-21 | | Radar Meteorology Sh. R.Bibraj Sc. C 15-12-2021 To 31-12-21 | | GTS WMO Procedure,WMO GTS Data format & metadata Sh. Sunny Chug, Sc.C 15-12-2021 To 31-12-21 | | Linux & Server Management Mrs.Samanti Sarkar,Sc-E 15-12-2021 To 31-12-21 |
| Radar Mateorology Sh.DeepKaran, Sc.C 03-01-22 To 12-01-22 | | Technological aspect of Met. Satellites Dr. Satya prakesh, Sc. D 03-01-22 To 12-01-22 | | Concept of Networking & IMD Networks Sh. Ashish kumar,Sc. C 03-01-22 To 14-01-22 | | Digital Communication System and Wireless Communication,Com.Protocol & Opital fibre Communication Sh. Manish Rai,Sc C 03-01-22 To 14-01-22 |
| Evolution & Future of Met. Satellites Dr.A.k. Mitra, Sc.E 13-01-2022 To 25-01-22 | | Radar Meteorology Sh. Rohit Shukla, Sc.C 13-01-2022 To 28-01-22 | | MMDRP System & derived Product Sh.Shibin B., Sc. C 17-01-2022 To 28-01-22 | | Preparation and Finalizing of Project (17-01-2022 To 18-02-2022 |
| Satellite Communication System Dr. Anoop kumar Mishra, Sc.C 27-01-2022 To 04-02-22 | | Radio sonde/Radio Wind System Sh. M.I.Ansari, Sc.E 31-01-2022 To 11-22-22 | | Surface Instruments,AWS& ARG Sh.Mainsh Ranalkar, Sc E 31-01-2022 To 10-02-22 | | |

| | | | |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--|
| Satellite data receiving system & Technique Sh Ramshey yadav, Sc.C 07-02-2022 To 18-02-22 | Radio Regulation Sh. Amit kumar, Sc. C 14-02-2022 To 18-02-22 | Ozone & Air pollution Dr.Siddharth Singh, Sc-E 11-02-2022 To 18-02-22 | |
| <u>Dout clearing session 21-02-2022 to 24-02-2022</u> | | | |
| | <u>OJT (14-03-2022 To 25-03-2022)</u> OJT in ISSD : 14-03-2022 OJT in UAID & AyaNagar Observatory. 15-03-2022 To 16-03-2022 OJT in Radar Lab. : 17-03-2022 OJT in EMRC & OZone : 18-03-2022 OJT in NWFC /NWP : 21-03-2021 OJT in Surface & Aviation Instrumentation at Palam runway : 22-03-2022 TO 23-03-2022 OJT in Satellite Meteorology : 24-03-2022 TO 25-03-2022 | | |

*OJT shall be conducted at respective RMCS and HQ New Delhi. RMCS shall issue tour order to the trainees well in advance as per schedule to avoid any awkward situation related to OJT. RMCS and Other offices may kindly take action time to time as appropriate based on the training schedule without waiting for ICITC to issue staggered orders.

*local coordinators/invigilators are requested to send the scanned copy of answer sheet of individual trainees to ICITC via email id icitrg.centre@imd.gov.in with copy to samanti.sarkar@imd.gov.in within 15 minutes of completion of day to day exam. Hard copies of answer sheet shall be kept with the safe custody of head/incharge of the same office till further order.

1. Joining : 04.10.2021
2. Orientation program : 15.11.2021 to 25.11.2021
3. Test on Self Study
(Mid Term Exam.) : 26.11.2022
4. Final Exam (Paper-I,II,III) : 25th, 28th Feb.2022 & 04th of March .2022
5. Project Presentation : 09th, 10th March 2022
6. OJT : 14-03-2022 To 25-03-2022
7. Viva -Voce : 29.03.2022 to 30.03.2022
8. Relieving : 01.04.2022


(11/10/2021)
(Samanti Sarkar)
Scientist E, ICITC (ISSD)