



INSTITUTE OF HUMAN RESOURCES DEVELOPMENT
(Established by Government of Kerala)

ADMISSION TO
Post Graduate Diploma in Embedded System Design



OCTOBER 2020

(Prospectus issued for previous years/ batches are not valid for October 2020)

INSTITUTE OF HUMAN RESOURCES DEVELOPMENT is an autonomous institute established by the Government of Kerala. The Institute invites application for admission to Post Graduate Diploma Course in Embedded System Design (Six months course). The scheme of study and syllabus has been updated incorporating advanced topics. The course is targeted to the employment opportunities in public and private sector and for self employment.

1. Eligibility for admission :

- i) M.E./M.Tech or B.E./B.Tech in Electronics/ Electronics & Communication/ Electrical/ Electrical and Electronics/Instrumentation/ Biomedical /Computer Science/Information Technology or MSc in Electronics/ Instrumentation/ Computer Science/Information Technology.
- ii) Candidates who have appeared in the qualifying examination and awaiting results may also apply. But on the date of counseling/admission, the candidate must produce the original mark lists up to the last semester/year of examination

2. Course Centres and Sessions.

Sl No.	Name of Centre	No. of seats	
		DAY Batch	Evening batch
1.	Regional Centre of IHRD, Puthuppally Lane, Medical College.P.O, Thiruvananthapuram - 695 011, Ph: 0471-2550612, 2554947	40	40
2.	College of Applied Science, Eressankulam, Vadakkenchery, Palakkad, Pin - 678 683 Ph : 04922-255061/203333	40	40
3.	Model Polytechnic College, Poonjar, Thekkekara P.O, Kottayam Dist. Pin - 686 582, Phone : 04822272266	40	40
4.	E K Nayanar Memorial Model Polytechnic College Kalliyassery Kallyassery P.O.,Kannur District. Pin – 670562, Phone : 0497-2780287	40	40
5.	College of Applied Science Puthuppally, Payyappady P.O., Puthuppally, Kottayam – 686 034, Pin- 686 011, Phone: 0481-2351631, 2351228, Mobile:8547005040	40	40

3. **Duration** : 6 months
4. **Intake/Batch** : 40 per batch
5. Last date for receipt of filled in application for admission in the respective training centre : 12.10.2020
6. Probable date of commencement of classes : 21.10.2020.

7. How to apply

Application form can be downloaded from IHRD website. Completed application accompanied by demand draft for Rs.150/- (Rs. 100/- for SC/ST candidates) drawn in favour of the head of training centre towards registration fee and attested copies of mark list of qualifying examination should reach the head of the training centre on or before the last date prescribed. Candidates are precluded from applying to more than one training centre for admission. In the application, the name of training centre chosen should be invariably noted. Once selected, transfer from one training centre to another will not be given under any circumstances. The application without registration fee will be rejected without assigning any reason.

8. Reservation

25% of the seats will be reserved for SC/ST/OEC Students (As per G.O.(Rt) 212/2011/SC ST dtd 14/02/2011). Candidates claiming reservation under SC/ST quota should produce community certificate from a Revenue officer not below the rank of concerned Tahsildar. Candidates claiming reservation under OEC should produce a community certificate and income certificate from the Village Officer concerned. Claim of reservation without community/income certificate will not be considered. The un-availed seat if, any, under SC quota will go to the ST quota and vice versa.

9. Age Limit

50 years for general candidates .For SC/ST ,the upper age limit will be as specified by the SC/ST Development Department.

10. Basis of Selection

Selection of the candidates will be based on the aggregate percentage of marks/Grade secured in the Final/previous semester Examination. (Each training centre will be treated as separate unit for selection of candidates).

11. Supply of Text Books and Study materials

No text books or study materials shall be supplied to the students free of cost. The details of text books required for the course shall be intimated to the students by the heads of institutions. The students will make their own arrangements to procure the required text books.

12. Course Contents (as per scheme 2018)

The Course content include topics such as Embedded C and Microcontroller Programming, Embedded Linux and Embedded RTOS, ARM Cortex Microcontrollers and Internet of Things, Embedded Product Design, Lab Practice I (Embedded Linux, RTOS and IOT), Lab Practice II (Embedded C, Microcontrollers), Project work.

13. Details of fee

Admission fee	:	Rs. 300/- + GST+ Flood Cess applicable
Tuition fee	:	Rs. 30, 000/- + GST+ Flood Cess applicable
Caution Deposit (Refundable)	:	Rs. 500/-
Examination fee	:	Rs.1,000/- + GST+ Flood Cess applicable

Total **Rs. 31,300/- + GST+ Flood Cess applicable**

The Fees once paid is non-refundable under any circumstances, unless stated otherwise

14. IHRD do not allow any educational concession/exemption from payment of fee to the students studying for the course. However the SC/ST/OEC candidates selected under reservation quota shall be provisionally exempted from payment of the prescribed fees provided they submit application for educational concession from the Scheduled Caste Development Department in the prescribed form along with the supporting documents within 15 days from the date of commencement of the regular classes. If they fail to do so, they should pay the prescribed fees. The sanctioning of educational concession to the above categories of students will be subject to Government Orders issued by SC Development Department from time to time.

15. The admission process will be cancelled, if recommended minimum no. of candidates are not available to join the course in a centre at the time of interview. In such case, the application registration fee will be refunded to the candidates, who have reported for the interview scheduled.

16. Important Rules and Regulations for the Examination

(Students must read the entire rules and regulations available in the course centre before undergoing the course)

1. The final Examination will be conducted by the IHRD, immediately after the completion of the course.
2. Candidates who have secured a minimum of 75% of the attendance during the course only are eligible for the registration for the examination.
3. Students who have shortage of attendance, but not condoned, are not eligible to register for the examination.
4. A candidate will have up to four consecutive chances for appearing the final examination from their registration to the regular examination. All supplementary exams conducted subsequent to a regular examination will be treated as a chance, irrelevant whether the candidate has registered for those exams or not.
5. Candidates who have not secured the minimum attendance during the course or those who have failed for continuous evaluation even for one subject have to repeat the course by paying the prescribed fees.

6. The minimum marks required for a pass in each subject will be 50% of maximum marks. (i.e., for theory/practical (End of course assessment and the continues evaluation put together.) However individual minimum of 50% is required for theory/practical (End of course assessment) and continues evaluation of each subject, separately. There is no provision for improvement of CE marks, unless the candidate repeats the course.
7. A candidate can apply for the revaluation or re-counting of answer scripts on the following conditions.
 - i. The application for revaluation/re-counting of answer scripts shall be submitted in the prescribed format through the head of institution along with the required fee, within 10 days of receipt of mark lists or within 15 days of date of publication of result, whichever is earlier.
 - ii. The revaluation/re-counting fee once remitted will not be refunded under any circumstances.
 - iii. The revised marks list will be issued, if there is an increase in marks during re-counting.
 - iv. For revaluation, the revised marks will be awarded only if there is a minimum of 10% increase in marks awarded during first valuation and as per existing rules.
8. The students have the opportunity to point out the mistakes in Name, sex, date of birth etc. given in the hall ticket by making necessary correction in the copy of A-list, at the time of receiving hall tickets. They can also submit request for correction through the head of training centre, with a copy of the SSLC certificate any time, before the publication of results. These changes will be corrected free of cost. But, once mark list/diploma certificate is prepared and forwarded to the training centre for issue, any correction of above details will be made on the following conditions.
 - a. A request shall be submitted along with the mark list/diploma issued in original and a copy of the SSLC certificate.
 - b. Correction fee for Mark list/Diploma certificate should be remitted.
 - c. Any other mistakes in marks entered in the mark list will be corrected free of cost on surrender of original mark list.
9. The Class of the result will be awarded as follows:
 - i. Those who pass the final examination in the first chance securing an aggregate of 75% or more marks will be declared to have passed the course in "First Class with Distinction".
 - ii. Those who pass the final examination in the first chance securing an aggregate of 60% or more marks will be declared to have passed the course in "First Class".
 - iii. All other successful candidates will be placed in the "Second Class".
10. All successful candidates will be awarded a Diploma by the IHRD.
11. A provisional certificate will be issued to successful students, if applied within 6 months from the date of publication of results. Application in the prescribed format duly recommended by the head of training centre should be submitted to the Director, IHRD, along with the prescribed fees and proof of Identity. The provisional certificate once issued, will be valid for 6 months from the date of issue or till the Diploma certificates are issued, whichever is earlier.

Thiruvananthapuram
Date: 24.09.2020

**Sd/-
DIRECTOR**