Advanced Software Development Methodologies (DASDM) course

The Diploma in Advanced Software Development Methodologies (DASDM) course is targeted towards students who wish to venture into the domain of computing. The DASDM course aims to groom the students to enable them to work on current technology scenarios as well as prepare them to keep pace with the changing face of technology and the requirements of the growing IT industry. After the completion of the course, students can work as software developer, programmer, tester, System Analyst and the like, in the IT industry and associated service sectors.

DASDM Important Dates

Sr.No.	Event	Dates
1	Start Date of Online Registration and Application	05 January 2017
2	Last Date of Online Registration, Application and Payment of Fee	06 February, 2017 (1800 Hours)
3	Downloading Admit Cards	09 February, 2017
4	Common Entrance Test (CET)	CET: I -11 February, 2017 CET: II -12 February, 2017
5	Announcement of Result	16 February, 2017
6	Last date of payment of the Admission Fees of Rs.10,000/- plus taxes as applicable by Government of India	21 February, 2017
7	Last date of payment of the Tuition Fees of Rs. 25,000/- plus taxes as applicable by Government of India	28 February, 2017
8	Registration and Document Verification of students at Training Centres	28 February, 2017
9	Commencement of Diploma Course	1 March, 2017

Course Highlights

The DASDM course highlights include such as

- Course is designed and developed in consultation with the domain experts of C-DAC, academia and ICT industry
- The course syllabus is regularly updated with the latest trends in the ICT industry.
- The expert faculty members from C-DAC and ICT industry with extensive domain knowledge shall conduct the lectures.
- Training centres are well equipped with laboratory.
- The Tutorials and hands-on sessions are relevant to the standards of the ICT industry.
- Students are provided Placement assistance and region-wise common campus placements.
- Periodic Corporate / industry interaction will be conducted.
- The students have to undertake a live project either at the C-DAC training centres or in the IT industry / IT organisation during the fourth trimester.
- Management Development Programme MDP is an integral part of the syllabus for personality development of the students.

Registration For Course and Application Fee

The process of admission to C-DAC's Diploma course begins with Registration of prospective candidates on the C-DAC website, www.cdac.in/dasdm. Upon registering, candidates will get their form number that can be used to log in and fill the CET application form online. The form number must be remembered by the candidate as it will be the reference number and login ID of the candidate during the whole admission process. Read carefully the instructions on the C-DAC website while filling the online registration and application forms.

The candidate will get the Form No. and password in his mail id. Once candidates have completed registration, the next step is to log in and fill the CET application form.

After filling the application form, candidates have to upload their passport size photograph. The next step is payment of CET application fee that may be paid online or by demand draft. The details of payment are given in the section Application Fee.

The steps successfully completed in the application process are shown with a tick-mark on the main menu of the online application. Candidates facing any issues during the downloading of form or any other query online registration and application may contact C-DAC ACTS, Pune, through phone (020-25503104/143) or e-mail (actssupport@cdac.in).

Application form can be filled online from the website acts.cdac.in.
The application fees of Rs.600/- (Rupees Six Hundred only) is to be paid through online payment gateway using the credit card or debit card or internet banking.

Online: *The application fee can be paid using credit/debit cards through the payment gateway that will be opened upon clicking the 'Online' option of the 'Make Payment' step. Candidates are advised to follow the instructions/steps given on the payment gateway, and also print/keep the transaction details for their records.*

On accepting the application fee at C-DAC, the 'Make Payment' step on the main menu of the online application will be tick-marked, and the status of payment will be updated on the 'Status Check' menu.

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*Important Note:**The centre selected by the candidate while filling the application form for appearing in CET will also be the final centre to undergo the DASDM course.*

Course Content

Term 1 (2 Months)

Subject Code	Subject	Hours
DASDM 101	Fundamentals of Computing	30
DASDM 102	C & Data structure	70
DASDM 103	Operating System Using Unix	50
DASDM 104	RDBMS	70
DASDM 105	Software Engineering	60
Lab		
DASDM 106	Management Development Program	30
DASDM 107	Seminar / Project	20
	Total	330

Term 2 (2 Months)

Subject Code	Subject	Hours
DASDM 201	Objected Oriented programming Concepts Using C++	70
DASDM 202	Core Java	70
DASDM 203	Web Technologies	70
DASDM 204	Software Quality Assurance-I	60
DASDM 205	Application & Customer support Services	40

Lab		
DASDM 206	Management Development Program	30
DASDM 207	Seminar / Project	20
	Total	360

Term 3 (2 Months)

Subject Code	Subject	Hours
DASDM 301	Advanced Java	70
DASDM 302	Software Quality Assurance-II	70
DASDM 303	Android Programming	70
DASDM 304	Advanced Global support services	40
DASDM 305	Organizational Behavior	40
Lab		
DASDM 306	Management Development Program	30
DASDM 307	Seminar / Project	20
	Total	340

Term 4 (3 Months)

Subject Code	Subject	Hours
DASDM 401	Internship with Project	60

DASDM 402	Colloquium	10
DASDM 403	Comprehensive Viva	10
	Total	80

Course Duration, Eligibility

Course Duration:

The DASDM course is of Nine months duration (6 months training + 3 months internship) with the course syllabus being distributed in four terms.

Eligibility:

Minimum eligibility criteria to appear for admission to DASDM course is as follows:

- Graduates in Science (eg. BCA or B.Sc. in Computer Science, IT and Electronics etc)
- Graduates in Mathematics or allied areas (e.g. Statistics, Applied Math)
- Graduates in Physics or Computational Sciences / Graduates in Computing
- The candidates must have secured a minimum of agregate 50% marks in their qualifying examination

Course Pre-requisites: Sound knowledge of Computing Fundamentals and Fundamentals of Programming.

Candidates who have appeared for the final examination of their qualifying degree in 2016 will also be considered for admission to the above courses. By qualifying in C-DAC's Common Admission Test (CET) of Feb 2017, these candidates can apply for provisional admission subject to the condition that:

(a)All parts of their qualifying degree examination shall be completed by the date of joining the course, and
(b) Proof of having passed the qualifying degree with at least the required minimum marks shall be submitted at C-DAC by 30th April 2017.

Important Note: Candidates are required to ensure that they meet the eligibility criteria of the courses for which they are applying. In case a candidate is found to be not eligible during any stage of the admission process or course delivery, his/her admission will be cancelled with immediate effect and he/she will not be able to attend any further classes.

Course Fees

Course Fee:

The total course fees of DASDM course is Rs. 80,000/- plus taxes extra as applicable by Government of India.

The fees of DASDM course is to be paid in four installments as provided in the table below:

TERM	Course Fee Type	Fees in Rs.	Service taxes @14%	Swachh Bharat cess 0.5%	Agriculture cess (0.5%)	Total
First	Admission Fees	Rs. 10,000	Rs.1400	Rs.50	Rs.50	Rs.11,500
First	Tuition Fees	Rs. 25,000	Rs. 3500	Rs. 125	Rs. 125	Rs. 28,750
Second	Tuition Fees	Rs. 30,000	Rs. 4200	Rs. 150	Rs. 150	Rs. 34,500

Third	Tuition Fees	Rs. 15,000	Rs. 2100	Rs. 75	Rs. 75	Rs. 17,250
	TOTAL	**Rs. 80,000/-**	**Rs. 11,200/-**	**Rs. 400/-**	**Rs. 400/-**	**Rs. 92,000/-**

The student has to pay the admission fees and Tuition fees using online payment gateway through Debit or credit cards or internet banking.

The course fee includes the cost of course delivery, computer lab usage, examinations, final mark-list, certificate and placement assistance provided at the training centre. Candidates may take note that no cheque or cash or DD will be accepted towards payment of any installment of fees.

The Admission fees and Tuition fees once paid shall not be refunded in any circumstances.

Important Note: : Service tax as applicable in Februrary 2017 will be calculated on the total fees of Rs. 80,000/-. Service tax in December 2016 is 14% Swaccha Bharat cess 0.5% and Agriculture Cess 0.5%.

Common Entrance Test (CET)

The admission to the DASDM course is through a Common Entrance Test (CET). The syllabus of the CET comprises of the following:

Computing Awareness (40 questions)

Evolutions of computers, Computer generations, Computer organization, Primary and Secondary storage, Input-output devices, Computer software, Operating systems, Data communications and computer networking, Multimedia, Classification of computers, Algorithms, Flow charts, Fundamentals of Programming, Utility Software, Computer Security, etc.

Functional English (20 questions)

Mathematical Aptitude (20 questions)

Reasoning (20 questions)

Recommended Reference Books

  1. Foundations of Computing - PK Sinha and Priti Sinha (BPB)
  2. GRE Barrons
  3. Quantitative Aptitude R S Agrawal
  4. Any English Grammar book of High School standard

CET Admit Cards

The Admit cards can be downloaded from the website. The admit cards can be downloaded from the website on 09th February, 2017. The candidates will not be able to download the Admit Cards, if their payment have not been received at the C-DAC training Centre. No candidate will be permitted to appear in CET test without a valid Admit Card. The Admit Card should be presented to the invigilators/ officials for verification.

Result

CET results will be published on the C-DAC website on 16th Feb, 2017. In order to be considered for admission to the course, a candidate's name must appear in the rank-list and also satisfy its minimum eligibility criteria.

The result of the CET will be published centre wise. Students will be only eligible to take admission in the centre where he has applied at the time of filling the application form. The Candidate will be ranked based on the score he / she have secured in CET.

Document Verification & Interview

At the time of Certificate Verification, candidates need to show their photo identity cards for identification, submit three passport-size colour photographs and photocopies of qualifying degree certificate or provisional/passing certificate from the university. The original certificates should be presented for verification at the time of registration.

Candidates who do not have their qualifying degree certificate (including students who have appeared for the qualifying examination and awaiting results) will be given provisional admission on submitting (at the admitting centre) the proof that they have already taken all the examinations for their qualifying degree at the time of registration. These students will have to submit (at the admitted centre) the proof of having passed the qualifying degree with the required minimum marks by 28th Feb 2017 to confirm their admission.

Important Note: Candidates who are provisionally admitted as students but are unable to produce the proof of qualification by 31st April 2017 will have their admissions cancelled. They will not be eligible for any refund.

Last date of payment of Admission Fees

The candidates appearing in the CET ranklist for a training centre shall pay the Admission Fees of Rs. 10,000/- (Rupees ten thousand only) and the Tuition fees of Rs. 25,000/- (Rupees Twenty Five Thousand only) i.e. sum total of Rs. 35,000/- (Rupees Thirty Five thousand only) plus all taxes as applicable by Government of India for confirmation of the seat in the training centre. The payment of the course fees of Rs. 35,000/- plus taxes shall be made through online payment using Debit or Credit card.

The payment shall be submitted online by 28th Feb 2017.

Important Note: Candidates will be permitted to select only one training centre at the time of filling in the application form. They cannot opt/apply for any other centre than what they had initially selected under any circumstances.

A candidate has to select the training centre of his choice as desired during application form. Under any circumstance, a candidate will not be allocated another centre, which was not selected during the application stage.

Upon payment of full fees, the selected candidates will be enrolled as C-DAC students at the respective training centres. They will get a student identity number.