

WEST BENGAL JOINT ENTRANCE EXAMINATIONS BOARD
AQ-13/1, Sector-V, Salt lake, Kolkata-700 091

INFORMATION BROCHURE

INSTRUCTIONS TO CANDIDATES FOR THE JOINT ENTRANCE EXAMINATION 2014 FOR ADMISSION TO MASTER OF COMPUTER APPLICATION (MCA) COURSE (JECA- 2014)

The Board will conduct the Joint Entrance Examination called JECA- 2014 as per following programme:

DAY & DATE	TIME	SUBJECT
Saturday, The 19 th July 2014	12.00a.m. to 2.00 p.m.	Paper-1: MATHEMATICS
	3.00p.m. to 4.00 p.m.	Paper-II: APTITUDE TEST

Applicants seeking admission to the First Semester of the Six Semester, Master of Computer Application Course in any of the following Institutes will have to appear in a written test as specified above. There would be two papers in the examination as stated above. The syllabus for both Mathematics and Aptitude test has been prescribed in this Information Brochure. All questions will be objective and answer scripts (OMR) will be machine evaluated.

The List of Institutions offering MCA course is given below. The eligibility criteria for admission to MCA course in case of following different Institutions will be notified shortly.

- JADAVPUR UNIVERSITY, Jadavpur, Kolkata - 700 032, Intake: 44 Ph. - (033) 2414-6007/6666**
- THE UNIVERSITY OF BURDWAN, Golapbag (North), Dist. Burdwan - 713 104, Intake: 20 (General-15; S.C-4; S.T-1) Course Fee Rs. 10.000/- per year; Laboratory Fee Rs. 5000/- (payable once). Ph. - (0342) 2533262**
- VIDYASAGAR UNIVERSITY, Midnapore, Intake: 40 Ph. - (03222) 2765547 555**
- THE UNIVERSITY OF KALYANI, P.O. Kalyani, Dist. Nadia – 741 235, Intake: 22, Ph.-(033) 2580-9615**
- UNIVERSITY OF CALCUTTA, (A.K. Choudhury School of Information Technology) 92, A.P.C. Road, Kolkata – 700009, Intake: 40, Ph.-(033) 2350-0289/2351-6026**
- UNIVERSITY OF NORTH BENGAL, Raja Rammohanpur, P.O. N.B. University, Darjeeing-734013: Intake: 30, Ph. - (0353) 2776357/2597694**
- KALYANI GOVT. ENGINEERING COLLEGE, P.O. Kalyani, Nadia -741235, Intake: 40, Ph.- (033) 2580 - 8437 / 9615**
- HALDIA INSTITUTE OF TECHNOLOGY, P.S. Haldia, Dist. Purba Midnapore – 721657, Intake: 60, Ph. - (03224) 252850 / 255617**
- RCC INSTITUTE OF INFORMATION TECHNOLOGY, Canal South Road, Beliaghata, and Kolkata - 700 015, Intake: 60, Ph. - (033) 2323-2463**
- JIS COLLEGE OF ENGINEERING, Block - A', Phase-III, Kalyani. Nadia - 741 235, Intake: 60, Ph. - (033) 2582-2137**

11. **TECHNO INDIA, EM- 4/1, Sector - V, Salt Lake City, Kolkata – 91**, Intake: 60, Ph. - (033) 2357-5683
12. **ASANSOL ENGINEERING COLLEGE, Kanyapur, Asansol - 713304**: Intake: 60, Ph. - (0341) 2252108
13. **B.P.PODDER INSTITUTE OF MANAGEMENT AND TECHNOLOGY, Poddar Vihar, 137, V.I.P. Road, Kolkata - 700 052**, Intake: 40, Ph.- (033) 2573-9607 / 4061-9174
14. **NETAJI SUBHAS ENGINEERING COLLEGE, Panchpota (Near Garia Rly Stn.) Garia, Kolkata - 700 152**, Intake: 60, Ph.- (033) 2436-3333
15. **BENGAL INSTITUTE OF TECHNOLOGY, Bamunghata, (Near Science City), Kolkata - 700 150**, Intake: 60, Ph. - (033) 2345-8004
16. **PAILAN COLLEGE OF MANAGEMENT & TECHNOLOGY, Bengal Haiian Park, (near MM Joka), Diamond Harbour Road, Kolkata-700104**, Intake : 60, Ph. - (033) 2453-5605, 2497 - 8006 / 07
17. **NARULA INSTITUTE OF TECHNOLOGY, 81, Nilgunj Road, Agarpara, Kolkata - 700 109**, Intake: 60, Ph. - (033) 2289-3944
18. **MANAGEMENT INSTITUTE OF DURGAPUR, G, T. Road, Rajbandh, Durgapur- 713212** Intake: 60, Ph. - (0343) 2520880
19. **HERITAGE INSTITUTE OF TECHNOLOGY, Chowbhaga Road, Anandapur, Kolkata - 700 107**, Intake: 60, Ph.- (033) 2220-9072
20. **DR. B. C. ROY ENGINEERING COLLEGE, Jemua Road, Fuljhore, Durgapur – 713206**, Intake: 60, Ph.- (0343) 2501353 / 4106
21. **BENGAL COLLEGE OF ENGINEERING & TECHNOLOGY, Sahid Sukumar Banerjee Sarani, Bidhan Nagar, Durgapur - 713 212**, Intake: 60, Ph. - (0343) 2532606 / 2533189 - 90
22. **TECHNO INDIA, HOOGHLY, Dharampur, Santiniketan, Chinsurah - 712 101**, Intake: 60
23. **SILIGURI INSTITUTE OF TECHNOLOGY, Hill-Cart Road, P.O. Sukna, Siliguri. Dist. Darjeeling - 734 009**, Intake: 60, Ph. - (0353) 2778002, 2778004
24. **ACADEMY OF TECHNOLOGY, G.T. Road, Aedeonagar, Hooghly – 712121**, Intake: 60, Ph.- (033) 2684-2888
25. **FUTURE INSTITUTE OF ENGINEERING AND MANAGEMENT, Sonarpur Station Road, Kolkata - 700 150**, Intake: 60, Ph.- (033) 2434-5640
26. **CALCUTTA INSTITUTE OF TECHNOLOGY, P.O. - Banitabla, Uluberia, Howrah – 711316**, Intake: 60, Ph.- (033) 2661-2094
27. **TECHNO INDIA COLLEGE OF TECHNOLOGY, Rajarhat, New Town, Megacity, Kolkata - 700 156**, Intake: 60, Ph.- (033) 2324-2050
28. **MEGHNAD SAHA INSTITUTE OF TECHNOLOGY, Nazirabad, P.O.- East Kolkata, Kolkata - 700 107**, . Intake : 60, Ph.- (033) 2443-1031
29. **GURUNANAK INSTITUTE OF TECHNOLOGY, 157/F Nilgunj Road, Panihati, Kolkata - 700 114**, Intake: 60, Ph.- (033) 2523-3900
30. **MCKV INSTITUTE OF ENGINEERING, 243, G.T. Road (North), Liluah, Howrah - 711 204**, Intake: 60, Ph.- (033) 2654-9315

31. **CAMELIA INSTITUTE OF TECHNOLOGY, Digberia (Badu Road) Madhyamgram, Kolkata - 700 129**, Intake: 60, Ph.- (033) 2212-1007
32. **DSMS BUSINESS SCHOOL, Shahid Sukumar Banerjee Sarani, Durgapur – 713212, Approved** Intake: 60, Ph.- (0343) 2532946/47
33. **ST. MARY’S TECHNICAL CAMPUS, KOLKATA, Opp : West Bengal Technological University, Saibana Village, Ichapur Nilgunge Gram Panchayat, P.S. - Barasat, 24 Pgs (N), Kolkata - 700 126**, Intake: 120, Ph.- (040) 2402-8676
34. **SEACOM ENGINEERING COLLEGE, Jaladhulagori, P.S. - Sankrail, Howrah – 711302**, Intake: 60, Ph. : (033) 2679-0481 / 0482 / 0483, 2430-1749 Fax : (033) 2679-0480, www.seacomkolkata.org.in
35. **INSTITUTE OF SCIENCE & TECHNOLOGY, Dhurabila, Dhamkuria, Chandrakona Town, Paschim Medinipur - 721 201**, Intake: 60, Phone: (03225) 267288, 266644 (Fax), www.istonline.org.in
36. **BRAINWARE GROUP OF INSTITUTIONS, 398, Ramkrishnapur Road, Barasat, Kolkata - 700 124**, Intake: 60, Ph : (033) 4020-0824
37. **GREATER KOLKATA COLLEGE OF ENGINEERING AND MANAGEMENT, Dudhnai, Baruipur, Ramnagar - II, 24 Parganas (S)**, Intake: 60, Tele Fax: (033) 2430-5897
38. **REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS, Bara Kathalia, PS - Sewli Tellnipara, P.S. - Titagarh, Kolkata - 700 121**, Intake: 60, Ph : (033) 6459-8188

N.B.: Any change of intake in any of the aforesaid University/Institution will be intimated through the website (www.wbjeeb.in) after publication of result of JECA-2014. Reservations for SC/ST/OBC/PWD etc candidates and Management quota are applicable as per Government Rules.

Age : There are no lower and upper age restrictions.

APPLICATION PROCEDURE:

Candidates intending to appear in **JECA- 2014** shall have to apply online at www.wbjeeb.in, the official website of the Board within **20-06-2014 to 02-07-2014**.

After completion of the on-line form filling, a Confirmation Page and an e-challan will be generated. Both are to be downloaded by the candidate. Thereafter the e-challan has to be submitted at any branch of Allahabad Bank with **Rs. 506/- in cash (Application fee: Rs. 500/-, Bank charges: Rs. 6/- only)**.

Finally, the confirmation sheet, along with the Bank Copy of the e-challan duly endorsed by the Bank, should be put in an A4 size white envelope, sealed and sent by **Speed Post/Courier Service or deposited by hand** to the following address:

**The Registrar,
West Bengal Joint Entrance Examinations Board
AQ-13/1, Sector V, Salt Lake City
Kolkata 700 091**

The application should reach the Board Office on or before **05.07.2014**. Applications reaching the Board Office after **05.07.2014** shall stand cancelled.

No Caste Certificate, Mark sheet and other relevant papers are required to be sent along with the Application Form. Necessary documents will have to be produced at the time of counselling and admission. The applicants are advised to retain with them a photo copy of the filled in application form for future reference.

No refund of Fee is admissible if the candidate does not appear in the Joint Entrance Examination, JECA-2014.

ZONE OF EXAMINATION:

The examination will be held simultaneously at the following zones provided there are sufficient no. of candidates in each zones. If sufficient applicants are not available for a particular zone, a nearer zone will be allocated.

ZONE	ZONE
BARDHAMAN	AGARTALA
KALYANI	MEDINIPUR
SILIGURI	BERHAMPUR
KOLKATA (SOUTH)	KOLKATA (NORTH)
HOWRAH	

The allotment of zone and examination centre is fully at the discretion of the Board subject to availability of sufficient number of candidates in a centre. Any change made by the Board is final and no request for changing of the zone / centre of examination will be entertained under any circumstances.

RESIDENTIAL CRITERIA:

For admission to Govt. Engineering / Technology Colleges only , the candidates must have been residing in the State of West Bengal for a minimum period of 10 (ten) years uninterruptedly as on **31.12.2013** or any of their parents must be permanent resident of West Bengal having their permanent home address in the State of West Bengal. However, candidates of states other than West Bengal may be considered for admission to non-Govt. Engineering / Technology Colleges/Institutions.

Residential (Domicile) certificate in this regard shall have to be produced during counselling in the proforma given in “Proforma for Residential (Domicile) Certificate” posted at www.wbjeeb.in from any of the Competent Authorities as mentioned below. No separate supporting documents or residential certificate in any other form will be accepted.

The applicant should not mail the Residential Certificate along with the Confirmation Page; he/she has to produce the Residential Certificate only during counselling.

Competent Authorities for issuance Of Residential Certificate:

The Residential Certificate as applicable should be obtained from any of the following competent authorities in whose jurisdiction the candidate resides.

- i) District Magistrate; ii) Additional District Magistrate; iii) Deputy Magistrate & Deputy Collector; v) Sub – Divisional Officer; vi) Block Development Officer
- vii) Superintendent of Police, viii) Additional Supdt. of Police; ix) Sub Divisional Police Officer or Deputy Supdt. of Police, x) Commissioner, Additional Commissioner, Joint Commissioner, Deputy Commissioner, Assistant Commissioner of Police Commissionerate
- xi) Judicial Magistrate of any rank or position in the concerned district or Metropolitan locality or Hon'ble High Court at Calcutta or Hon'ble Supreme Court of India
- xii) Commissioner, Additional Commissioner, Joint Commissioner, Assistant Commissioner of Municipal Corporation; xiii) Executive Officer of Municipality;
- xiv) Assistant Secretary / equivalent or above in the Secretariat to the Government of West Bengal (including GTA) or Central Government; xv) Deputy Director or above in the Directorate to the Government of West Bengal or Central Government.
- xvi) Heads of the Institutions (located in West Bengal) where the applicants are presently studying or last studied

Every official certifying the Residential Status of the candidate or his/her parents MUST provide one's FULL NAME, DESIGNATION, PLACE OF POSTING WITH ADDRESS AND OFFICE LANDLINE NUMBER. These details are MANDATORY. *CERTIFICATION FROM ANY AUTHORITY OTHER THAN THOSE ENUMERATED ABOVE WILL NOT BE ACCEPTED.*

Note: No elected people's representative like Municipal Commissioner, councillor of Municipal Corporation, any elected member of three-tier Panchayat system or GTA, MLA or MP is entitled to issue such certificates.

ADMISSION:

It should be noted that the Board is in no way responsible for admission of students to different Universities / Institutions. The Board only prepares the merit list of the admission test and allot candidates to different Institutions on the basis of their merits and choice of Institutions in order of preference through counselling. The Board neither publishes nor communicates result to any individual applicant. The merit list will be circulated on the Board's website: www.wbjeeb.in. There is no provision for post-publication scrutiny or review and hence the Board will not entertain any such application.

No merit listed candidate will be allowed to appear at the counseling unless he / she is able to produce Admit Card issued by the Board with proper unmutilated / undistorted / unsoiled photograph.

Compliance with requirements for application for the Joint Entrance Examination does not make a candidate eligible for admission to the concerned University / Institution.

CERTIFICATE FOR RESERVED CATEGORY CANDIDATES:

Scheduled Caste / Scheduled Tribe candidates in W.B., as specified in Govt. of W.B. Order No. 1813-PCW/1VIR-94/11 dated 20.06.2011 are eligible for admission through JECA-2014 unreserved categories as per Govt. rules. **However, SC/ST candidates hailing from States other than West Bengal are not eligible for such benefit and they shall be treated as General category candidates.** The Caste certificates will have to be produced at the time of counselling from the following competent authorities.

A-(i) Deputy Director, Backward classes welfare, W.B. (ii) Commissioner, Back-ward classes welfare, W.B. in case candidates claiming to be SC or ST residing in any part of West Bengal.

B-(i) Deputy Collector of Land Revenue, Kolkata (ii) Collector of Stamp Revenue, Kolkata (iii) Metropolitan Magistrate, Kolkata (iv) Additional Chief Metropolitan Magistrate, Kolkata (v) Chief Metropolitan Magistrate, Kolkata (vi) 1st Class Stipendiary Magistrate (vii) Executive Magistrate (viii) Sub-divisional Magistrate (ix) Sub-divisional Officer (x) Deputy Collector (xi) Additional District Magistrate (xii) Collector and (xiii) District Magistrate within their respective jurisdictions - in case of candidate claiming to be SC or ST and ordinarily residing within such jurisdictions.

For OBC candidates, the competent authority for issuing certificates will be put up on the website (www.wbjeeb.in) as soon as the relevant Government Order is issued.

For PWD candidates: Candidates claiming seats under reserved category are required to produce PwD certificate from competent authority.

LEGAL JURISDICTION:

- i) All disputes pertaining to conduction of JECA - 2014 shall fall within the jurisdiction of Kolkata only.
- ii) The Board will not be a party pertaining to any dispute arising in the process of admission to MCA Course through JECA - 2014.

PATTERN OF QUESTION AND SYLLABUS:

There will be two papers in the examination

Paper - 1: Mathematics (100 marks) :

50 MCQs (each bearing 2 marks) will have to be answered on OMR sheet provided. Marking must be made with black/blue ball point pen. 2 / 3 marks will be deducted for each wrong answer and marking of more than one option will be considered as wrong answer.

Time: Two hours.

Syllabus:

- (i) **Analytical Geometry** : Cartesian and polar coordinate; Straight line; Circle; Ellipse; Parabola; Hyperbola; Translation & Rotation of axes.
- (ii) **Algebra** : Complex number, De Moivre's theorem, Solution of linear equations, Determinants, Matrices, Summation of signal series, Addition of vectors, Scalar and Vector products, Inequation, Sets and elements, Universal set, Empty set, Subsets, Venn diagram, Union and intersection of sets, Complements, Algebra of sets, Finite sets, Class of sets, Partitions, Cross product, Group, Ring and Field.
- (iii) **Calculus:** Limit, Continuity, Differentiation; Maxima & minima; Taylor & Maclaurin's Series: Definite and indefinite integrals, First and second order differential equation; Functions of several variables; Partial differentiation.
- (iv) **Probability & Statistics** : Permutation, Combination; Probability; Probability distribution; Mean; Median; Mode; Standard Deviation; Correlation coefficient.

Paper - II: Aptitude test (100 marks) :

There will be 30 questions of 3 marks each and 10 questions of 1 mark each. For each wrong answer, 1/3 rd of the total mark(s) allotted to the question will be deducted. Marking must be made with black / blue ball point pen. Marking of more than one option for a question will be considered as wrong answer.

All questions will be MCQ type and are to be answered in OMR Answer Sheet.

Time: One hour.

Syllabus:

(i) Reasoning, (ii) Problem Solving, (iii) Quantitative Comparison,
(iv) Discrete Quantitative Analysis & (v) Data interpretation.

JECA - 2014

IMPORTANT KEY DATES:

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|----------|--|---------------------------------|
| 1 | Date of Examination: | 19.07.2014 (Saturday) |
| 2 | Availability of downloadable Application Form and Information Brochure at www.wbjeeb.in: | 20.06.2014 to 02.07.2014 |
| 3 | Last date for receipt of duly filled-in Application Form through Speed Post/Courier Service or by hand at the Board's office: | 05.07.2014 |
| 4 | Availability of downloadable Admit Card at www.wbjeeb.in : | 15.07.2014 to 19.07.2014 |