



**Indian College
of
Cardiac Anaesthesia
(ICCA)**

**[An Academic Body under the aegis of Indian Association of
Cardiovascular Thoracic Anaesthesiologists]**

Byelaws, Rules and Regulations

Amended up to: March 2022

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CHAPTER I PRELIMINARY

1. **Short title and extent:** These byelaws, rules and regulations shall be called as the ICCA byelaws, rules and regulations. They shall be applicable to the institutions / hospitals / centres desirous of affiliating with the ICCA
2. **Preamble:** One of the primary principles of any medical organization is to promote the growth and development of that specialty in order to ensure safe medical practices and patient outcome. Cardiac anaesthesia has developed as a super-specialty in our country over the last few decades. The Indian Association of Cardiovascular Thoracic Anaesthesiologists (IACTA) was formed in 1997 with the main aim of associating and affiliating into one organization all the anaesthesiologists who are/were practicing / interested in cardiac anaesthesia. It was registered as a society with Registration No. S-31299 with the Registrar of Society, Delhi dated 26 May 1997.

CHAPTER II THE COLLEGE

3. **Establishment and incorporation of the College:** The Indian College of Cardiac Anaesthesia (ICCA) has been established within the governance of the IACTA. This College is organized as the academic body for its internal affairs but shall in no way act in a manner prejudicial to the parent association or contrary to the association's (IACTA) byelaws, which shall take precedence over this document.
4. **Aims and Objectives of the College:**
 - a. To implement and carry out the educational activities of IACTA.
 - b. To conduct certified courses in cardiac anaesthesia such as fellowship of IACTA (FIACTA), Fellowship in TEE (FTEE) etc.
 - c. To conduct examinations.
 - d. To encourage and promote research in cardiac anaesthesia.
 - e. To establish guidelines and protocols for procedures, and management criteria of patients undergoing cardiac anaesthesia aimed at upgrading knowledge and skills of members of IACTA.

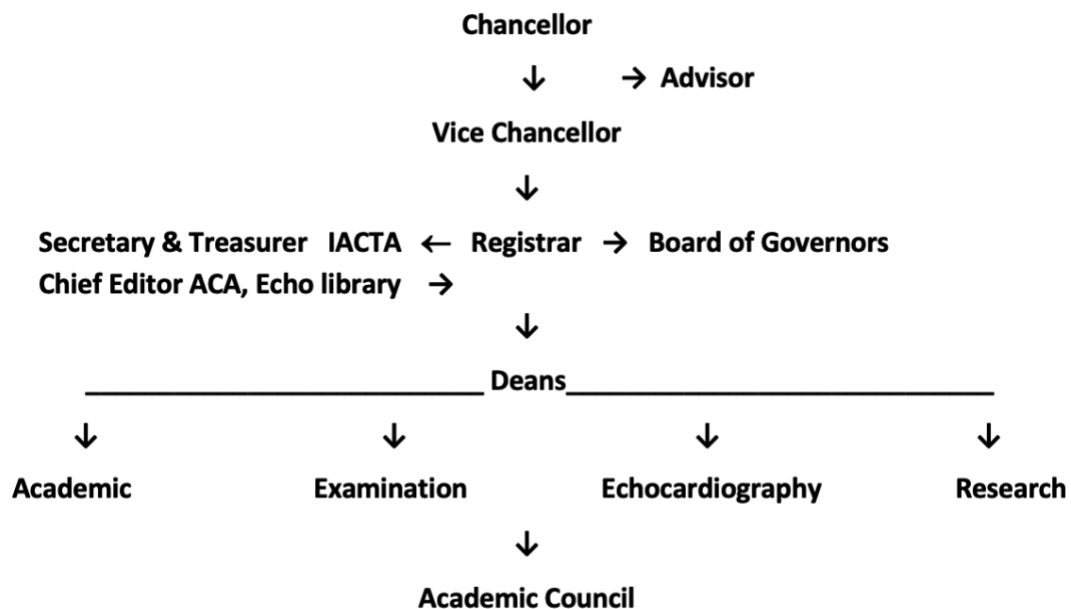
- f. To seek affiliation with national and international associations and societies or similar bodies to achieve the objectives of the parent association.
 - g. To guide the IACTA from time to time in academic activities and develop new programs.
 - h. To promote IACTA's professional certifications and examinations within the country and to gain national and international accreditation for the same from statutory bodies like MCI, DNB, IGNOU and others.
5. **Jurisdiction and admission to the privileges:** Only Institutions / hospitals / centers located within India are eligible to be affiliated.

CHAPTER III

COLLEGE BOARD (ICCA BOARD)

OFFICERS OF THE COLLEGE

The College Board of ICCA comprises of the Officers and Authorities. Secretary and Treasurer of IACTA are ex-officio to the board along with Chief Editors of Annals of Cardiac Anaesthesia & Echo library. The College Board should meet at least twice every year. The members of the College Board are appointed / nominated by the Executive Committee of IACTA.



6. **Officers of the College:**
- a. The Chancellor
 - b. The Vice-Chancellor

- c. Advisor
- d. Registrar
- e. The Deans
 - Academic
 - Echocardiography
 - Examination
 - Research

7. **Appointment of Chancellor:** Appointed by IACTA Executive Committee (EC). Chancellor is nominated by a selection committee. Out of 6 members of the selection committee, 2 will be from ICCA. The members of the committee would be the President of IACTA as chairman, Secretary IACTA as the member secretary who will prepare the comparative data sheet as per the selection criteria. The other 4 members would be the Associate Vice President, Chief Editor of ACA, Advisor ICCA and Chancellor ICCA. The decision of the selection committee is to be approved by the EC of IACTA. The eligibility criteria of ICCA Board members & the selection process are described in detail in chapter XII

8. **Powers and duties of Chancellor:**

- a. The Chancellor is a senior respected member of the IACTA who has spent several years in Cardiac Anaesthesia with a significant role in the association's academic activities.
- b. The Chancellor shall chair all the College Board meetings.
- c. Shall award the fellowship certificates: FIACTA to the successful candidates during the national conference of IACTA.
- d. Shall affix his signature in the fellowship certificates (FIACTA).
- e. Essential role of advisor to overall activities of ICCA.
- f. Oversees academic planning, academic programs and reviews curriculum development / examination patterns of fellowship courses (FIACTA, FTEE and any other new course added subsequently).
- g. Maintains liaison with external universities and other organizations within the country or outside.
- h. Supervises and advises regarding the financial expenditure of the college.
- i. Overall supervision of the examination, research activities of the college and advises the Registrar regarding modifications or changes required.

- j. The Chancellor shall be the disciplinarian for all the members of the College Board.
 - k. The tenure of the Chancellor is for a period of three years. This is a single time post.
9. **Appointment of Vice Chancellor:** Appointed by IACTA EC. Procedure is same as that of Chancellor.
10. **Powers and duties of Vice Chancellor:**
- a. The Vice Chancellor is a senior respected member of IACTA who has spent several years in Cardiac Anaesthesia with a significant role in the association's academic activities.
 - b. Steps into the role of Chancellor in case the Chancellor is not available.
 - c. Shall award the fellowship certificate: FTEE to the successful candidates during the national conference of IACTA.
 - d. Shall affix his signature in TEE fellowship certificates
 - e. Contributes to academic planning, examination patterns and curriculum development of fellowship courses. (FIACTA, FTEE, any other new course added subsequently).
 - f. Act as a link between the Registrar and the Chancellor.
 - g. As an arbitrator when there is dispute or difference of opinion among members of the College Board.
 - h. The tenure of the Vice Chancellor is for a period of three years. This is a single time post.
11. **Appointment of Advisor:** Appointed by the IACTA EC. Procedure is same as that of Chancellor
12. **Powers and duties of Advisor:**
- a. The Advisor is a senior respected member of IACTA who has spent several years in Cardiac Anaesthesia with a significant role in the association's academic activities.
 - b. Supervises the research activities of the college in association with the Dean-research.
 - c. Supervises the refresher courses, mock examinations endorsed by IACTA and other periodic evaluations of fellowship students.
 - d. Reviews the guidelines and functions of College periodically and suggest modifications.
 - e. Should attend all the ICCA Board meetings and participate in decision making.

13. **Appointment of Registrar:** Appointed by the IACTA EC. Procedure is same as that of Chancellor.

14. **Powers and duties of Registrar:**

- a. The Registrar is the executive official and the primary responsible person for all day-to-day activities of the college.
- b. He/She handles and maintains all official documents of the college.
- c. He/She manages the finances of the college and maintains its records.
- d. He/ She shall maintain receipts & payments details of the ICCA and present it in the executive committee meetings of IACTA.
- e. Shall process the applications for FIACTA students and FIACTA centers.
- f. Shall process and execute paperwork related to teacher certification and center accreditation for FIACTA.
- g. Shall nominate members from the college for inspection and accreditation of centers for FIACTA or other fellowship courses.
- h. Facilitate efficient and smooth student registration and build secure student data files.
- i. Shall plan and execute FIACTA examination related work, such as choosing & informing the examiners & examination centers with Dean Examination and initiating the preparation of question papers by Dean Academic.
- j. Co-ordinate with Dean-Examination to finalize FIACTA results.
- k. Responsible for accreditation / re-accreditation of FIACTA centers
- l. Shall plan and execute FTEE examination related work, such as choosing & informing the examiners & examination centers, preparation of question papers, pattern of examination with Dean Echocardiography.
- m. He/She will be working in close association with all the Deans of the college.
- n. He/She will maintain the guidelines / functions / duties of the college.
- o. He/She shall also uphold the bye-laws of IACTA and ensure the correct tenure of every member of the college board.
- p. He/She will arrange the college board meeting in close liaison with the Chancellor, Vice Chancellor and Advisor.
- q. He/She will be maintaining the minutes of the college board meetings.
- r. He/She will be keeping the members of the college board well informed with its activities.

- s. He/She is the representative of the College to the Executive Committee of IACTA.
- t. He/She is the representative of the College to external bodies including Universities both within and outside the country. Communication with the external bodies to be informed to Secretary IACTA / EC.
- u. He/She shall receive complaints and suggestions regarding improvement in academic or any other activity related to the College and take the final decision after consultation with the Vice Chancellor and Chancellor.
- v. He/She shall consult with Vice Chancellor, Chancellor, and Advisor in taking major decisions.
- w. He/She shall be responsible for all academic records of current and former students.
- x. He/She shall finalize the results of FIACTA & FTEE examination in coordination with Dean-Examination and Dean-Echo.
- y. Shall officially inform the candidates of their results and academic standards.
- z. Shall prepare the fellowship certificates and affix his/her signature.
- aa. Shall be responsible for publishing the results of FIACTA & FTEE in IACTA website/newsletter.
- bb. Shall organize the presentation of the certificates (convocation) to the successful candidates during the national conference of IACTA.
- cc. Shall be responsible for honorary FIACTA and FTEE selection process.
- dd. He/She shall prepare an annual college calendar.
- ee. The tenure of the Registrar is for a period of three years.

15. **Appointment of Deans:** Appointed by the IACTA EC. Procedure is same as that of Chancellor.

16. **Powers and duties of Dean Academic:**

- a. Leading and coordinating the governance of all academic activities of the College.
- b. He/She shall be responsible for the activities related to Fellowship of IACTA (FIACTA)
- c. Shall be responsible for monitoring of preparation of curriculum/syllabus, log book, teaching & training of FIACTA.
- d. Shall be primarily responsible for preparation of question papers for FIACTA examination in coordination with the Registrar.

- e. Shall affix his signature in FIACTA certificates.
- f. Shall monitor the preparation of curriculum / syllabus for new courses proposed by college / IACTA.
- g. Shall be responsible for periodic revision of the curriculum / syllabus of various courses.
- h. Advise Registrar regarding the quality of academic programs.
- i. Advise Registrar regarding changes / quality improvements required in the teaching programs and examinations.
- j. Develop external relationships for purpose of a) enhancing student placement opportunities b) upgrade the academic stature to ensure appropriate recognition for the college
- k. Encourage more research / training / publications from registered students.
- l. The tenure of the Dean of the College is for a period of three years.

17. Powers and duties of Dean Examination:

- a. He/She is responsible for the proper conduct of all examinations conducted under the auspices of ICCA.
- b. He/She is responsible for choosing the examination centers and examiners coordinating with Registrar.
- c. He/She is responsible for allotment of candidates to examination centers in coordination with Registrar.
- d. He/She is responsible for the authenticity of the examinations conducted and all complaints related to the conduct of examination has to be directed to him.
- e. Shall co-ordinate with Registrar, to finalize the results of FIACTA
- f. The tenure is for a period of three years.

18. Powers and duties of the Dean Research:

- a. He/She is primarily responsible for promoting research activity in the College and IACTA.
- b. He/She can initiate and supervise multi-center studies.
- c. He/She will guide FIACTA candidates in research projects and publications.
- d. Promote ICCA as a research organization throughout India and abroad.
- e. In association with Registrar, promote financial support for research activities within the College.

- f. Identify young cardiac anaesthesiologists with research potential and promote them with projects, presentations and publications.
- g. The tenure is for a period of three years.

19. **Powers and duties of Dean Echocardiography:**

- a. Dean Echocardiography is primarily responsible for all echo related activities of the College.
- b. He/She shall be responsible for monitoring the activities in relation to FTEE examination / courses.
- c. Shall monitor the preparation of curriculum/syllabus, log book, teaching & training, examination of FTEE including the question paper preparation
- d. Shall co-ordinate with Registrar to finalize FTEE results.
- e. Shall affix his/her signature in FTEE certificates.
- f. He/She is responsible for all training / certification courses in echo.
- g. Advises the Registrar regarding changes / quality improvements required in the teaching & training and examinations in echo in India.
- h. Plan expansion of echo programs when required (TTE, Epicardial echo, 3D Echo)
- i. Responsible for accreditation / re-accreditation of centers for TEE training in the country.
- j. The tenure is for a period of three years.

CHAPTER IV

AUTHORITIES OF THE COLLEGE

The following shall be the authorities of the College:

- 20. **ICCA Board (College Board):** ICCA Board shall be the decision-making body. It consists of the officers of the college, Board of Governors and the Academic Council. Secretary, Treasurer of IACTA and Chief Editors of Annals of Cardiac Anaesthesia & Echo library are ex-officio members of the board. The College Board should meet at least twice every year.
- 21. **Board of Governors (BOG):** The board consists of senior members of society with significant contribution to the growth of the society with strong academic background. The number of BOG is limited to three and their tenure is two years. Appointment of BOG is by the IACTA EC.

22. Powers and functions of Board of Governors:

- a. Function as advisory committee to the Registrar, Deans and the Academic Council members.
- b. Suggestions / Approval of the fellowship course contents and course materials.
- c. Advices the college regarding the teaching programs / refresher courses of the College.
- d. Contributes to maintain the quality of the examinations and academic standards of the College.
- e. Advices the college board members regarding changes and modifications required.
- f. The tenure of BOG is two years

23. Academic Council: The academic council consists of 8 members and their tenure is two years.

Appointment of Academic Council : By IACTA EC. Procedure is same as that of chancellor.

24. Powers and functions of Academic Council:

- a. Implementation of the teaching programs for various skills required in cardiac anaesthesia and intensive care.
- b. Helping in the development and coordination of the college curriculum
- c. Contribute to the expansion of academic programs when required.
- d. Help in the management of the non-faculty members of the College.
- e. Help set up policies and procedures for the students.
- f. Encourage more research / training / publications from registered fellowship students and support them academically.
- g. Generate student data files based on their performance during the course.
- h. The tenure of the academic council members is for two years but members with significant contribution may be re-elected more than once.

CHAPTER V
FINANCE AND ACCOUNTS

25. Funds:

ICCA will not have any independent income of any form. All financial supports are from the IACTA and the college shall be responsible for the expenditure. The detailed report of the expenditures will be submitted to IACTA. The parent body will audit the accounts.

26. Management of fund/financial estimates/audits: Annual financial estimates / accounts and audits will be managed by treasurer IACTA with the help of the IACTA chartered accountant.

27. Membership:

- a. Membership of ICCA will be restricted to those who passed the fellowship examinations of IACTA and also the honorary fellows.
- b. Members of IACTA can apply for Honorary 'Fellowship' of IACTA. This will be reviewed by the College Board and an Honorary Fellowship can be awarded with the approval of EC, provided the applicant fulfills the criteria for Honorary fellowship. The Honorary Fellowship will be presented by the President/Chancellor of IACTA.

CHAPTER VI
APPLICATION OF THE INSTITUTIONS / HOSPITALS / CENTRES

28. Recognition & Procedure of Centre Accreditation for FIACTA

Eligibility Criteria

- a. The center should have an annual turnover of at least 400 cardiac surgical procedures.
- b. The number of cases: student ratio should be 400:2 i.e., for every 400 cardiac operations, there can be 2 FIACTA students. A single center can have a maximum of 4 candidates per year.
- c. The teacher student ratio is 1:2. If the center has other courses like DNB, DM, PDCC, the ratio will be 1:1.
- d. The operating rooms and intensive care beds must have state of the art equipment for invasive & non-invasive monitoring and ventilation. In addition, there should be 24 hours biochemical laboratory services including an arterial blood gas analyzer.

Availability of echocardiography facilities with Transesophageal probe is mandatory.

- e. The center should have access to at least two journals of cardiovascular thoracic anaesthesia, two journals of cardiac surgery and two journals related to critical care medicine. Standard text books dealing with cardiac anaesthesia, transesophageal echocardiography, pediatric cardiac anaesthesia and general critical care should be available. Furthermore, the center should propose a twice weekly academic schedule.
- f. The center shall not levy any direct or indirect charges from the FIACTA candidates in relation to the fellowship program. However, the students shall pay the registration and examination fees directly to IACTA.
- g. The candidate shall be paid stipend/remuneration as applicable to a senior resident by the center.
- h. Newly started centers desirous of accreditation need to be functional for at least one year before it can be inspected for recognition.
- i. All accredited centers will be re-inspected after 10 years. In case an accredited center has candidates failing their FIACTA examination / no appearance consecutively for 3 years, the recognition may be withdrawn and a re-accreditation will be subjected to further inspection.
- j. IACTA assumes no responsibility for accidents/illness/insurance etc. towards the candidate during the course of the fellowship.
- k. The center should have a FIACTA Certified teacher who is a full time cardiac anaesthesiologist. No center can be accredited without certified teachers. In case a certified teacher leaves an accredited center, this should be informed to ICCA office.
- l. ICCA permits more than one center to seek combined accreditation. However, when more than one / multiple centers seek combined accreditation for a good case mix of CABG, Valves and Congenital heart surgeries (50 cases/year and sufficient number of Thoracic & Vascular cases), they will be treated as one

center of training and need to meet all the above criteria. The duration spent by a candidate in each center needs to be specified at the time of application for accreditation.

- m. Accreditation Fee: The center will be required to pay IACTA a registration fee of Rs. 25,000/- towards accreditation. In addition, Travelling expenditure and local hospitality of the Inspector/inspectors are also to be borne by the center. For re-accreditation, the registration fee is Rs.10000/-only.
- n. On the receipt of application on the prescribed form and registration fee for center recognition, the ICCA will depute an expert member to inspect the center.
- o. The eligibility criteria are mentioned on the reverse side of the application form for FIACTA Center Accreditation is posted on the website. Application form for FIACTA Teacher Certification is also available on the IACTA website.

29. Procedure of recognizing FIACTA Center

- a. The interested center should submit an application to the Registrar ICCA on the prescribed 'Application for 'FIACTA Center Accreditation/Re-Accreditation' posted on the IACTA website along with an Accreditation fee of Rs 25000/-.
- b. Registrar to examine the application form and the supporting documents.
- c. Registrar appoints (after due approval from the Vice Chancellor) an ICCA Board member/IACTA Executive Committee member as an inspector to an onsite visit and review of the center. The inspector should be preferably from a nearby recognized center, but exceptions can be made, if necessary. The filled Application form and the Proforma for inspection findings are forwarded to the inspector.
- d. Registrar informs the details about the proposed inspection to the center and directs it to take care of the travel and local hospitality of the inspector. The center is also advised to keep all the necessary documents ready for inspection.
- e. Inspector visits the center and prepares his report in the prescribed proforma and submits it to the Registrar.

- f. Registrar to examine the application form along with the proforma duly filled & signed by the inspector. He/she then puts-up the case to the Vice Chancellor with his/her recommendation / opinion.
- g. Vice Chancellor examines the report and agrees or disagrees with the Registrar. If he agrees, the case to be submitted to the Chancellor for his approval.
- h. The Chancellor approves / rejects / suggests modifications and returns the case to the Vice Chancellor. If the Chancellor approves the case, the Vice Chancellor will convey the approval to the Registrar.
- i. Registrar will issue the order of FIACTA Accreditation to the center on the ICCA letter head. A copy to be marked to the Secretary IACTA, along with all the Deans, Advisor, Board of Governors (BOG) and the Academic Council members. If the center is not approved, a letter of rejection is issued highlighting the deficiencies to be addressed.
- j. In case, the Vice Chancellor disagrees or suggests changes at step number 'g', the case is returned to the Registrar and he may resubmit the case again with modifications, if necessary.
- k. In case, the Chancellor rejects or suggests changes at step number 'h', the case is returned to the Registrar via the Vice Chancellor to be resubmitted again with modifications, if necessary.
- l. A separate file to be prepared for each center, where all the above documents are kept for records.

Proforma for Accreditation/Re-Accreditation of a FIACTA center
(To be filled by the Inspector after visiting the center & mail to ICCA Registrar)

Name and address of the Center:

Date of Inspection:

Sl. No.	Criterion (Refer to the Guidelines for Accreditation/ Re-Accreditation in the Application form)	Fulfils or not (yes / no)	Remarks if any
1	<ul style="list-style-type: none"> • Is there a FIACTA certified/eligible cardiac anesthesiologists in the center? • Are they full time cardiac anesthesiologists? 		

2	Does the center perform 400 cases with proper case mix of CABG, Valvular and Congenital heart surgeries?		
3	Does the center do 50 cases of pediatric cases /year OR the center has affiliation with a pediatric center?		
4	Does the center has sufficient no of thoracic & vascular cases OR any arrangement to give such exposure to residents?		
5	Does this center have other courses like DNB, DM, PDCC?		
6	<ul style="list-style-type: none"> • Do the operating rooms and intensive care beds have state of the art equipments for invasive & non-invasive monitoring and Facilities for Ventilation? • Is there a 24 hours biochemical laboratory service and an arterial blood gas analyzer? • Is there a Transesophageal Echo machine inside OR? 		
7	<p>Library Facilities: Does the center have access to at least two journals each of:</p> <ul style="list-style-type: none"> • Cardiovascular thoracic anaesthesia • Cardiac surgery • Critical care medicine <p>And Standard text books on</p> <ul style="list-style-type: none"> • Cardiac anaesthesia • Transesophageal echocardiography • Pediatric cardiac anaesthesia • General critical care 		
8	Is a biweekly academic schedule proposed?		
9	Is the center functioning for more than one year?		

10	<ul style="list-style-type: none"> • No of candidates appeared in FIACTA examination in last 3 years • No passed in last 3 years <p>(Applicable in Re-Accreditation)</p>		
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Final Report by the Inspector

Any notable Strengths:

Deficiencies noted which needs to be addressed (As per the Guidelines for Accreditation/Re-Accreditation):

Accreditation / Re-Accreditation can be granted: Yes / No

No of Students to be permitted/year:

Name and Signature of the Inspector:

Date:

For office use only

Details verified: yes / no

Accreditation granted: yes / no

Remarks if any:

Signature with date:

30. Recognition & Procedure of Centre Accreditation for FIACTA (Paed)-

Fellowship of Paediatric Cardiac Anaesthesia

Eligibility Criteria

- a. The center should have a FIACTA (Paed) Certified teacher who is a full time cardiac anaesthesiologist. No center can be accredited without a certified teacher
- b. The center should have an annual turnover of at least 200 paediatric cardiac surgical procedures of good case mix (Acyanotic & Cyanotic cases)
- c. The number of cases: student ratio should be 200:2 i.e., for every 200 cardiac operations, there can be 2 FIACTA (Paed) students. A single center can have a maximum of 4 candidates per year.
- d. The teacher student ratio is 1:2. If the center has other courses like DNB, DM, PDCC, the ratio will be 1:1.

- e. The operating rooms and intensive care beds must have state of the art equipment for invasive & non-invasive monitoring and ventilation. In addition, there should be 24 hours biochemical laboratory services including an arterial blood gas analyzer. Availability of echocardiography facilities with Transesophageal probe is mandatory
- f. The center should have access to at least two journals of cardiovascular thoracic anaesthesia, two journals of cardiac surgery and two journals related to critical care medicine. Standard text books dealing with paediatric cardiac anaesthesia, transesophageal echocardiography, pediatric cardiac anaesthesia and paediatric critical care should be available. Furthermore, the center should propose a twice weekly academic schedule.
- g. The center shall not levy any direct or indirect charges from the FIACTA (Paed) candidates in relation to the fellowship program. However, the students shall pay the registration and examination fees directly to IACTA.
- h. The candidate shall be paid stipend/remuneration as applicable to a senior resident by the center.
- i. Newly started centers desirous of accreditation need to be functional for at least one year before it can be inspected for recognition.
- j. All accredited centers will be re-inspected after 10 years. In case an accredited center has candidates failing their FIACTA (Paed) examination / no appearance consecutively for 3 years, the recognition may be withdrawn and a re-accreditation will be subjected to further inspection.
- k. IACTA assumes no responsibility for accidents/illness/insurance etc. towards the candidate during the course of the fellowship.
- l. ICCA permits more than one center to seek combined accreditation. However, when more than one / multiple centers seek combined accreditation, they will be treated as one center of training and need to meet all the above criteria. The duration spent by a candidate in each center needs to be specified at the time of application for accreditation.

- m. Accreditation Fee: The center will be required to pay IACTA a registration fee of Rs. 25,000/- towards accreditation. In addition, Travelling expenditure and local hospitality of the Inspector/inspectors are also to be borne by the center. For re-accreditation, the registration fee is Rs.10000/-only.
- n. On the receipt of application on the prescribed form and registration fee for center recognition, the ICCA will depute an expert member to inspect the center.
- o. The eligibility criteria are mentioned on the reverse side of the application form for FIACTA (Paed) Center Accreditation is posted on the website.
- p. Application form for FIACTA (Paed) Teacher Certification is also available on the IACTA website.

31. Procedure of recognizing FIACTA (Paed) Center: Same as that of a FIACTA Center
Proforma for Accreditation/Re-Accreditation of a FIACTA (Paed) center
 (To be filled by the Inspector after visiting the center & mail to ICCA Registrar)

Name and address of the Center:

Date of Inspection:

Sl. No.	Criterion (Refer to the Guidelines for Accreditation/ Re-Accreditation in the Application form)	Fulfil or not (yes / no)	Remarks if any
1	<ul style="list-style-type: none"> • Is there a FIACTA (Paed) certified/eligible cardiac anesthesiologists in the center? • Are they full time cardiac anesthesiologists? 		
2	Does the center perform 200 paed cases with proper case mix of Acyanotic/ Cyanotic Congenital heart surgeries?		
3	Does the center has affiliation with another pediatric center?		
4	Does this center have other courses like FIACTA, DNB, DM, PDCC?		

5	<ul style="list-style-type: none"> • Do the operating rooms and intensive care beds have state of the art equipments for invasive & non-invasive monitoring and Facilities for Ventilation? • Is there a 24 hours biochemical laboratory service and an arterial blood gas analyzer? • Is there a Transesophageal Echo machine inside OR? 		
6	<p>Library Facilities: Does the center have access to at least two journals each of:</p> <ul style="list-style-type: none"> • Cardiovascular thoracic anaesthesia • Cardiac surgery • Critical care medicine <p>And Standard text books on</p> <ul style="list-style-type: none"> • Paed Cardiac anaesthesia • Transesophageal echocardiography • Paediatric critical care 		
7	Is a biweekly academic schedule proposed?		
8	Is the center functioning for more than one year?		
9	<ul style="list-style-type: none"> • No of candidates appeared in FIACTA (Paed) examination in last 3 years • No passed in last 3 years <p>(Applicable in Re-Accreditation)</p>		

Final Report by the Inspector

Any notable Strengths:

Deficiencies noted which needs to be addressed (As per the Guidelines for Accreditation/Re-Accreditation):

Accreditation / Re-Accreditation can be granted: Yes / No

No of Students to be permitted/year:

Name and Signature of the Inspector:

Date:

For office use only

Details verified: yes / no

Accreditation granted: yes / no

Remarks if any:

Signature with date:

32. **Withdrawal of recognition:**

33. **Extension of recognition:**

CHAPTER VII

TEACHERS

34. **Recognition and procedure of Teacher Certification for FIACTA**

Eligibility Criteria

In order to be able to impart high quality of training to candidates desirous of a fellowship in cardiac anaesthesia, the FIACTA teacher must fulfill the following minimum criteria:

- a. A postgraduate qualification (MD / DNB in Anaesthesia) from a recognized university/national board with at least 10 years' experience in cardiac anaesthesia in a recognized major hospital or institute. The center should have a minimum turnover of 400 cardiac cases per year. They must devote most of their professional time in cardiac anaesthesia. Out of 10 years, at least 3 years should be in a teaching hospital. (A teaching hospital is one where a MD/DNB in Anaesthesia or DM/PDCC/DNB/FNB/FIACTA in Cardiac Anaesthesia is going on)
- b. The teacher must be a life member of IACTA.
- c. He / She must be competent in different clinical/administrative skills required for cardio thoracic anesthesia inside the OT and ICU. Further he /she must have the time and dedication to fulfill the teaching responsibilities.
- d. The teacher must demonstrate commitment to training and practice of cardiac anaesthesia by participating/ associating with regional, national or international cardiac anaesthesia CME's, seminars and conferences (preferably as a faculty)

and associating with the regional, national or international cardiac anaesthesia organizations.

- e. He / She must exhibit active interest in medical research, scientific presentations or publications in or related to the field of cardiac anaesthesia.
- f. Should have 5 publications in peer reviewed indexed journals as one of the first three authors or the corresponding author. E journals are not acceptable.
- g. The Indian College of Cardiac Anaesthesia (ICCA) board would verify the credentials before certifying him/her as a teacher in cardiac anaesthesia.
- h. Application form for FIACTA Teacher Certification is available on the IACTA website.

35. Procedure of Certification of FIACTA Teacher

- i. The interested candidate should submit an application to the Registrar on FIACTA Teacher Certification Application form posted on the website.
- j. Registrar to examine the application form and the supporting documents and put-up the case to the Vice Chancellor with his/her recommendation / opinion on a Proforma.
- k. Vice Chancellor examines the case and agrees or disagrees with the Registrar. If he agrees, the case to be submitted to the Chancellor for his approval.
- l. The Chancellor approves / rejects / suggests modifications and returns the case to the Vice Chancellor. If the Chancellor approves the case, the Vice Chancellor will convey the approval to the Registrar.
- m. Registrar will issue the order of the approval/disapproval to the Applicant on an ICCA letter head. If not certified as a teacher, the reasons to be mentioned in the letter. A copy of the order of approval is mailed to all the Deans, Advisor, BOG and Academic Council members.
- n. In case, the Vice Chancellor disagrees or suggests changes at step no. k, the case is returned to the Registrar and he may resubmit the case again with modifications, if necessary
- o. In case, the Chancellor rejects or suggests changes at step no. l, the case is returned to the Registrar via Vice Chancellor to be resubmitted again with modifications, if necessary.
- p. The above documents to be kept along with the file of the FIACTA center.

Proforma for Certification as FIACTA Teacher

(To be filled by the Registrar after reviewing the application form & documents)

Name and address of the Applicant :

Sl. No.	Criterion (Refer to the Guidelines for FIACTA Teacher in the Application form)	Fulfils or not (yes / no)	Remarks if any
1	<ul style="list-style-type: none"> • Postgraduate qualification (MD/DNB) in Anaesthesia from a recognized university • 10 years experience in cardiac anesthesia in a recognized major hospital or institute. • 3 years of teaching experience (out of 10 years) • The teacher must devote most of their professional time in cardiac anesthesia 		
2	The center should have a minimum turn-over of 400 cardiac cases per year		
3	The teacher must be a life member of IACTA		
4	He / She must be competent in different clinical / administrative skills required for cardiothoracic anesthesia inside the OT and ICU.		
5	The teacher must have the time and dedication to fulfil the teaching responsibilities		
6	The teacher must demonstrate commitment to training and practice of cardiac anesthesia by participating in cardiac anesthesia CMEs, seminars and conferences (preferably as a faculty)		
7	The teacher must exhibit active interest in <ul style="list-style-type: none"> • medical research • scientific presentations • publications in or related to the field of cardiac anesthesia (five in peer reviewed indexed journals as one of the first three authors or the corresponding author 		

Deficiencies noted(As per the Guidelines for FIACTA Teacher in the Application form):

Certification as a FIACTA Teacher can be granted: Yes / No

Date:

Signature of Registrar:

36. Recognition and procedure of Teacher Certification for FIACTA (Paed)

Eligibility Criteria

In order to be able to impart high quality of training to candidates desirous of a fellowship in cardiac anaesthesia, the FIACTA (Paed) teacher must fulfill the following minimum criteria:

- a. A postgraduate qualification (MD / DNB in Anaesthesia) from a recognized university/national board with at least 10 years' experience in cardiac anaesthesia in a recognized major hospital or institute. The center should have a minimum turnover of 200 paediatric cardiac surgical cases per year. They must devote most of their professional time in paediatric cardiac anaesthesia. Out of 10 years, at least 3 years should be in a teaching hospital. (A teaching hospital is one where a MD/DNB in Anaesthesia or DM/PDCC/DNB/FNB/FIACTA in Cardiac Anaesthesia is going on)
- b. The teacher must be a life member of IACTA
- c. He / She must be competent in different clinical/administrative skills required for cardio thoracic anesthesia inside the OT and ICU. Further he /she must have the time and dedication to fulfill the teaching responsibilities
- d. The teacher must demonstrate commitment to training and practice of cardiac anaesthesia by participating/ associating with regional, national or international cardiac anaesthesia CME's, seminars and conferences (preferably as a faculty) and associating with the regional, national or international cardiac anaesthesia organizations.
- e. He / She must exhibit active interest in medical research, scientific presentations or publications in or related to the field of cardiac anaesthesia.
- f. Should have 5 publications in peer reviewed indexed journals as one of the first three authors or the corresponding author. E journals are not acceptable.
- g. The Indian College of Cardiac Anaesthesia (ICCA) board would verify the credentials before certifying him/her as a teacher in cardiac anaesthesia.
- h. Application form for FIACTA (Paed) Teacher Certification is available on the IACTA website

37. Procedure of Certification of FIACTA (Paed) Teacher: Same as that of FIACTA Teacher

Proforma for Certification as FIACTA (Paed) Teacher

(To be filled by the Registrar after reviewing the application form & documents)

Name and address of the Applicant :

Sl. No.	Criterion (Refer to the Guidelines for FIACTA(Paed) Teacher in the Application form)	Fulfils or not (yes / no)	Remarks if any
1	<ul style="list-style-type: none"> • Postgraduate qualification (MD/DNB) in Anaesthesia from a recognized university • 10 years experience in cardiac anesthesia in a recognized major hospital or institute. • 3 years of teaching experience (out of 10 years) • The teacher must devote most of their professional time in paediatric cardiac anesthesia 		
2	The center should have a minimum turn-over of 200 paediatric cardiac cases per year		
3	The teacher must be a life member of IACTA		
4	He / She must be competent in different clinical / administrative skills required for paediatric cardiothoracic anesthesia inside the OT and ICU.		
5	The teacher must have the time and dedication to fulfil the teaching responsibilities		
6	The teacher must demonstrate commitment to training and practice of cardiac anesthesia by participating in cardiac anesthesia CMEs, seminars and conferences (preferably as a faculty)		
7	The teacher must exhibit active interest in <ul style="list-style-type: none"> • medical research • scientific presentations • publications in or related to the field of cardiac anesthesia (five in peer reviewed indexed journals as one of the first three authors or the corresponding author 		

Deficiencies noted(As per the Guidelines for FIACTA Teacher in the Application form):

Certification as a FIACTA (Paed) Teacher can be granted: Yes / No

Date:

Signature of Registrar:

CHAPTER VIII

EXAMINERS

38. FIACTA Examiners

Eligibility Criteria for FIACTA Examiners

In order to be able to conduct a thorough evaluation of candidates desirous of passing a fellowship examination in cardiac anaesthesia, the FIACTA examiner must fulfill the following minimum criteria:

- I. All FIACTA teachers are eligible to be FIACTA examiners, hence they need not apply to be appointed as examiners. The criteria for being a FIACTA examiner are as under:
 - a. A postgraduate qualification (MD / DNB in Anaesthesia) from a recognized university/national board with at least 10 years' experience in cardiac anaesthesia in a recognized major hospital or institute. The center should have a minimum turnover of 400 cardiac cases per year. They must devote most of their professional time in cardiac anaesthesia. Out of 10 years, at least 3 years should be in a teaching hospital. (A teaching hospital is one where a MD/DNB in Anaesthesia or DM/PDCC/DNB/FNB/FIACTA in Cardiac Anaesthesia is going on)
 - b. The examiner must be a life member of IACTA.
 - c. He / She must be competent in different clinical/administrative skills required for cardio thoracic anesthesia inside the OT and ICU. Further he /she must have the time and dedication to fulfill the teaching responsibilities.
 - d. The examiner must demonstrate commitment to training and practice of cardiac anaesthesia by participating/ associating with regional, national or international cardiac anaesthesia CME's, seminars and conferences (preferably as a faculty) and associating with the regional, national or international cardiac anaesthesia

organizations.

- e. He / She must exhibit active interest in medical research, scientific presentations or publications in or related to the field of cardiac anaesthesia.
 - f. Should have 5 publications in peer reviewed journal as one of the first three authors or the corresponding author. E journals are not acceptable.
 - g. The application form to be signed by the HOD and if the applicant is the HOD, the application to be signed by two existing FIACTA examiners.
 - h. The Indian College of Cardiac Anaesthesia (ICCA) board would verify the credentials before certifying him/her as a teacher in cardiac anaesthesia
 - i. Application form for FIACTA Examiner is available on the IACTA website.
- II. The teachers working in the teaching institutions should also apply if they are interested to become FIACTA examiners.
- III. ICCA can also appoint eminent teachers from teaching institutions as examiners.

39. Procedure for selecting examiners to be included in the pool of FIACTA

Examiners

- j. A pool of examiners is to be prepared by the Dean of Examinations from those who qualify as FIACTA teachers.
- k. ICCA will also advertise for FIACTA Examiners on the IACTA website.
- l. An interested teacher should submit an application to the Registrar in the prescribed format along with all the necessary enclosures for recognizing him as a FIACTA examiner.
- m. The recognized FIACTA teachers automatically are eligible to become FIACTA examiner and hence need not apply.
- n. The applicant should submit all the supporting documents related to his experience and publications.
- o. The Registrar examines the case and puts up to the Vice Chancellor with his recommendations.
- p. Vice Chancellor examines the case and agrees or disagrees with the Registrar. If he agrees, the case to be submitted to the Chancellor for his approval.

- q. The Chancellor approves / rejects / suggests modifications and returns the case to the Vice Chancellor. If the Chancellor approves the case, the Vice Chancellor will convey the approval to the Registrar.
- r. Registrar will issue the order of the approval/disapproval to the Applicant on an ICCA letter head. If not certified as an examiner, the reasons to be mentioned in the letter.
- s. In case, the Vice Chancellor disagrees or suggests changes at step no. 'g' the case is returned to the Registrar and he may resubmit the case again with modifications, if necessary.
- t. In case, the Chancellor rejects or suggests changes at step no. 'h', the case is returned to the Registrar via Vice Chancellor to be resubmitted again with modifications, if necessary.
- u. The 'Pool of FIACTA Examiners list' prepared by Dean of Examination is to be approved by Vice Chancellor (through Registrar) each year. The Vice Chancellor should communicate this to the Chancellor.
- v. The Dean Examination also has an authority to recommend an eminent teacher from a teaching institute as an examiner after due approval from the Vice Chancellor.

The Application form for FIACTA Examiner is posted on the website.

40. **FTEE Examiners**

Eligibility Criteria for FTEE Examiners

- a. He/ she must possess MD / DNB (anaesthesia) from a MCI recognized university/national board.
- b. Those with DM / PDCC / FIACTA / FNB in cardiac anesthesia will be given preference.
- c. 10 years of experience in cardiac anaesthesia out of which 3 years should be in a teaching hospital. A teaching hospital is one where a MD/DNB in Anaesthesia or DM/PDCC/DNB/FNB/FIACTA in Cardiac Anaesthesia is going on.
- d. He/ she must possess a fellowship in TEE (Indian/ European/American / British or Equivalent).
- e. He/ she should have interest in teaching and mentoring in Transesophageal Echocardiography by being a faculty in IACTA or Cardiac Anesthesia conferences/TEE workshops.

- f. There should be at least 2 publications related to TEE in peer-reviewed indexed journals as one of the first three authors or the corresponding author.
 - g. E journals are not acceptable.
 - h. The applicant must be a life member of IACTA.
 - i. Application form for FTEE examiner is posted on the IACTA website.
 - j. ICCA will verify the credentials before certifying him/her as an Examiner for FTEE exam
 - The teachers working in the teaching institutions should also apply if they are interested to become FTEE examiners.
 - ICCA can also appoint eminent teachers from teaching institutions as examiners.
41. Procedure for selecting examiners to be included in the pool of FTEE Examiners
- a. A panel of examiners are to be prepared by the Dean Echo from those who qualify the criteria of FTEE examiner.
 - b. ICCA will also advertise for FTEE Examiners on the IACTA website.
 - c. The interested teacher should submit application in the prescribed proforma along with all the necessary enclosures to the Registrar.
 - d. The Registrar examines the case and puts up to the Vice Chancellor with his recommendations.
 - e. Vice Chancellor examines the case and agrees or disagrees with the Registrar. If he agrees, the case to be submitted to the Chancellor for his approval.
 - f. The Chancellor approves / rejects / suggests modifications and returns the case to the Vice Chancellor. If the Chancellor approves the case, the Vice Chancellor will convey the approval to the Registrar.
 - g. Registrar will issue the order of the approval/disapproval to the Applicant on an ICCA letter head. If not certified as an examiner, the reasons to be mentioned in the letter. A copy of the order of approval is mailed to all the Deans, Advisor, BOG and Academic Council members.
 - h. In case, the Vice Chancellor disagrees or suggests changes at step no. 'e', the case is returned to the Registrar and he may resubmit the case again with modifications, if necessary
 - i. In case, the Chancellor rejects or suggests changes at step no. 'f', the case is returned to the Registrar via Vice Chancellor to be resubmitted again with modifications, if necessary.

- j. The 'Pool of FTEE Examiners list' prepared by Dean Echo is to be approved by Vice Chancellor (through Registrar) each year. The Vice Chancellor should communicate this to the Chancellor.
 - k. The Dean Echo also has an authority to recommend an eminent teacher from a teaching institute as an examiner after due approval from the Vice Chancellor.
 - l. The Application form for FTEE Examiner is posted on the website.
42. **FIACTA (Paed) Examiners:**
Eligibility Criteria for FIACTA (Paed) Examiners: FIACTA Examiners with sufficient experience in paediatric cardiac anaesthesia can be appointed as FIACTA (Paed) examiners
43. Procedure for selecting examiners to be included in the pool of FIACTA (Paed) Examiners:

CHAPTER IX

EXAMINATIONS AND RESULTS

44. **Conduct of FIACTA Examination**
- a. Candidate must have a postgraduate qualification (MD / DNB in Anaesthesia) from a recognized university/national board and have completed the two year FIACTA course in a recognized center. Those who join for 3 year cardiac anesthesia programs like DM,FNB,DNB or PDCC (2 year) can enroll for FIACTA course at the beginning of their course by paying the registration fee and can take up the FIACTA examination at the end of two years. Senior residents (Non-PG) with MD/DNB Anesthesia working in an institution with DM/DNB/PDCC Cardiac Anesthesia program/programs and having FIACTA teacher can apply for FIACTA registration and continue in the same institution. They can take up the FIACTA examination after completing two years.
 - b. Those who had passed DM/FNB/DNB/ PDCC (2 year duration) can apply directly for FIACTA examination by paying the examination fee and registration fee
 - c. Candidate must be a life member of IACTA.

- d. The fee for registration of a candidate for FIACTA is Rs 10,000/-. This should be paid to the IACTA office at the time of enrolment as a FIACTA candidate. Further the candidate will have to pay the examination fee of Rs 10,000/- at the time of applying for the examination.
- e. Direct candidates (DM / FNB / DNB / FNB Cardiac Anesthesia) will have to pay a registration fee of only Rs 2000/- in addition to the examination fee of Rs. 10000.
- f. Candidates who register for the examination, but do not appear will forfeit the examination fee. Fee for second or subsequent attempts is also Rs 10,000/-.
- g. Students who do not appear due to medical reasons will have to pay Rs 5000/-during the next attempt. He/ She should submit a medical certificate which should be forwarded by the HOD. The ICCA office will make the final decision.
- h. Completed application forms to be sent to the ICCA office along with information of mode of payment. Candidates will receive confirmation of receipt of examination form (and Life membership if applied) from ICCA office once the payment has been received.
- i. Log book of 100 cases, certified by the Head of Department or Mentor to be submitted at the time of examination. The format of log book is given on the website. Those appearing after completion of DM/DNB/FNB/PDCC need to submit their course logbooks only
- j. Syllabus of FIACTA can be downloaded from the website www.iacta.co.in
- k. For passing the examination, candidate is required to score 50% marks in theory and practical.
- l. The proposed dates of examination are Second Saturday & Sunday of August every year. The exact dates should be confirmed from the website / ICCA office.
- m. The last date for application is two months before the examination; last date for cancellation is one month before the examination. Please visit www.iacta.co.in or contact ICCA office for updates.

- n. Dean Examination and Registrar are responsible for choosing the examination centers and examiners after due approval from the Vice Chancellor.
 - o. Dean Examination and Registrar will allot the candidates to different examination centers.
 - p. Dean Academics is in charge of preparation of Question papers for the FIACTA examination. The question pattern is 50 MCQs (50 marks) and 10 short notes (100 marks) for a time frame of 3 hours.
 - q. The Examiners' list prepared by Dean of Examination & Registrar for a particular examination is to be approved by Vice Chancellor. The Vice Chancellor should communicate this to the Chancellor. Registrar along with the Dean Examination is the overall in charge of conduct of the examinations.
 - r. Registrar and Dean Examination to finalize FIACTA results which are communicated to Vice Chancellor and Chancellor and published on the IACTA website.
 - s. Board of Governors would function as advisers for the Dean and Registrar
 - t. Registrar to communicate the results to the Advisor, BOG, Academic Council Members and Secretary IACTA
- 45. Appointment of FIACTA Examiners for a particular examination**
- a. From the 'Pool of FIACTA Examiners list', required number of examiners are chosen by the Dean Examinations for a period of two/three years. (e.g. in the year 2020, this will be for the years 2020-22).
 - b. A rotational policy shall be followed so that new set of examiners is appointed after every 2-3 years.
 - c. The list prepared by the Dean of Examinations for a particular FIACTA Examination is to be approved by Vice Chancellor (through Registrar). The Vice Chancellor should communicate this to the Chancellor.
 - d. The Dean Examination is also empowered to recommend examiners on time, (if an appointed examiner fails to turn up on time). He should seek telephonic approval from the Vice Chancellor for this purpose.

46. **Pattern of FIACTA Examination**

Theory examination (150 marks)

The Question booklet contains:

- 54 MCQ questions = 54 marks
- 8 Short notes = 96 marks

Total theory marks = 150 Marks

The Question booklet will be mailed to the Coordinating Examiners of each center 3 days before the examination by the Registrar.

Practical Examination (350 marks)

Marks details

- Long Case = 100 marks
- Short cases= 100 marks (50 x 2 cases)
- Table viva= 100 marks (50 x 2 tables)
- Academics = 50 marks (Log book-30, Scientific presentations -10, Publications-10 marks)

Total practical marks = 350 marks

Total marks (Theory + Practical= 500 marks)

Candidates need to secure 50% marks in both theory and practical separately to declare as passed

47. **Conduct of FTTE Examination**

- a. The FTTE examination is conducted at a designated center by ICCA. It is usually conducted during the Annual National TEE Workshop-CME every August / September.
- b. Candidate appearing for the examination must be a Life member of IACTA or Indian Academy of Echocardiography. The candidates should be MD/DNB Anesthesia or Medicine with a fellowship or degree in Cardiac Anesthesia or Cardiology such as PD CC/DNB/FIACTA/FNB/DM or training/ practice in Cardiac Anesthesia for a minimum period of one year.
- c. Log book of 100 cases, certified by HOD/Mentor & CD or Pen drive containing TEE loops & images of 25 patients with the name of the candidate as the primary echocardiographer are mandatory. Candidates are advised to bring their own laptops to demonstrate before the examiners. Log book format is available on the website.

- d. Examination fee is Rs 10000/- for the first attempt. Fee for the second or subsequent attempts is also Rs 10000/-.
- e. Candidates who do not appear for the examination will forfeit the amount except under exceptional circumstances. Students who could not appear due to medical reasons will have to pay Rs 5000/- at the next attempt. Candidates should submit medical certificate and the Medical reasons given will be verified by the ICCA office.
- f. Last date of application is one month before the examination. Last date for cancellation is two weeks before the examination. Visit IACTA website www.iacta.co.in or contact ICCA office for updates
- g. Dean Echo is responsible for choosing the panel of examiners and also the examiners for a particular examination, after due approval from Vice Chancellor (through Registrar).
- h. Dean Echo is also in charge of preparation of Question papers for the FTEE examination in coordination with the Registrar. He can take the help of the examiners for the preparation of theory and video question papers.
- i. The list of examiners prepared by the Dean of Echo is to be approved by Vice Chancellor (through Registrar). The Vice Chancellor should communicate this to the Chancellor and Advisor.
- j. Dean Echo is in charge of conduct of the FTEE examination spread over two days.
- k. Dean Echo will co-ordinate with Registrar to finalize FTEE results which are communicated to Vice Chancellor and Chancellor and published on the IACTA website.
- l. BOG would function as advisers for the Dean and Registrar.

48. Appointment of FTEE Examiners for a particular examination

- a. From the 'Pool of FTEE Examiners list' required number of examiners are chosen by the Dean Echo for a period of two/three years. (e.g. in the year 2020 this will be for 2020-22)
- b. A rotational policy shall be followed so that new set of examiners is appointed after every 2-3 years.
- c. The list prepared by Dean Echo for a particular FTEE Examination is to be approved by Vice Chancellor (through Registrar). The Vice Chancellor should

communicate this to the Chancellor. The list is communicated to Dean Academics also.

- d. The Dean Echo is also empowered to recommend examiners on time, (if an appointed examiner fails to turn up on time). He should seek telephonic approval from the Vice Chancellor for this purpose.

49. **Pattern of FTEE Examination**

Theory Examination- 200 marks (Computer based test)

100 MCQs -90 minutes

40 Videos – 60 minutes

- Practical Examination- 300 marks

(i) Logbook and CD/Pendrive evaluation (100 marks)

a. 100 cases in logbook (format in IACTA website)

b. 25 cases in CD/Pendrive as relevant video loops & images

(ii) Grand viva (100 marks)

(iii) 'Hands' on a simulator (100 marks)

Minimum marks required to pass is 50%. Candidate needs to pass theory & practical separately. Those who pass the theory will only appear for the practical examination.

50. **Conduct of FIACTA (Paed) Examination**

51. **Appointment of FIACTA (Paed) Examiners for a particular examination**

52. **Pattern of FIACTA (Paed) Examination**

A) Theory: Duration: 3 hours

Marks: 100

The question booklet contains 10 questions of 10 marks each

B) Clinical examination & Viva voce: Marks: 400

One long case : 100 marks

Two short cases : 150 marks

Table Viva : 100 marks (50 x 2 tables)

Table 1: X-ray, ECG, Echo Table 2: Equipments, Drugs, ABG

Academics : 50 marks (Log book, Scientific presentations, Publications)

Total marks (Theory + Practical) = 500 marks

Candidates need to secure 50% marks in both theory and practical separately to be declared as passed.

CHAPTER X

AWARD OF CERTIFICATES / DEGREES

53. Enrolment of students for FIACTA

- a. Candidates having a postgraduate qualification (MD / DNB in Anaesthesia) from a recognized university/national board are eligible for Cardiac Anaesthesia Fellowship of IACTA (FIACTA) course of two-year duration in recognized centers.
- b. Anaesthesiologists with DA who have more than 3 years of experience in cardiac anesthesia can also enrol for FIACTA course in recognized centers and take up the FIACTA examination after two years.
- c. Senior residents (Non-PG) with MD/DNB Anesthesia working in an institution with DM/DNB/PDCC Cardiac Anesthesia program/programs and having FIACTA teacher can apply for FIACTA registration and continue in the same institution. They can take up the FIACTA Examination after completing two years.
- d. Those who join for 3-year cardiac anesthesia programs like DM / DNB or FNB / PDCC (2 year courses) can enrol for FIACTA course at the beginning of their course and appear for FIACTA Examination at the end of two years
- e. Those who have passed DM/FNB/DNB/ PDCC (2 year duration) can apply directly for FIACTA examination by paying the examination fee and subsidized registration fee.

54. Enrolment of students for FIACTA (Paed)

Duration of Fellowship: 1year

Eligibility:

- a) MD/ DNB degree in Anaesthesiology + FIACTA or FNB or Two-year work experience in Cardiac Anaesthesia.
- b) Those who have passed 3-year DM/DNB Cardiac anaesthesia can apply directly for FIACTA(Paed) examination by paying the examination and registration fee.

55. Leaves, Attendance & discipline among students and Disciplinary powers

1) Leave Policy:

A. For both Two-year Fellowship (FIACTA) and One year Fellowship (eg FIACTA Paed):

a. Students are entitled to get maximum of 30 days of leave in a year excluding regular duty off/ Gazetted holidays as per hospital/institute calendar/policy. In an extraordinary circumstances an additional leave of 10 days in one year course and 20 days in 2 year course may be granted.

b. Study leave to be at the discretion of Head of the Department.

c. Leave more than 30 days in a year can be carried forward to next year in two year courses upto a total of 60 days.

If total leaves are less than 30 days and 60 days in one and two years course respectively then no extension of training will be required. However, if it exceed the above limit, candidate has to undergo extra training for the overlimit duration. The decision on extension of training may be taken by head of the department in consultation with Registrar ICCA.

Unapproved absence from FIACTA training for more than 7 days may lead to cancellation of registration or discontinuation of the training and re-joining shall not be permitted. The event is to be reported by head of the department to the Registrar ICCA who will take the final decision in consultation with Vice Chancellor.

B. Maternity and Paternity leave:

a. Candidates are entitled for Maternity or Paternity leave as per Government of India guidelines. It shall not be refused under any circumstances. Maternity leave can be up to a maximum duration of 180 days starting from the day of commencement. During the period of maternity leave candidates are entitled to receive stipend amount equal to that of just before proceeding for the leave.

Paternity leave is of maximum 15 days duration with stipend, at any one time upto 15 days before to within six months of the date of delivery of the child. If not availed within the specified period, the leave will be treated as lapsed.

Maternity or Paternity leave may be combined with any other kind of leave. However, an extension of training without stipend for the period equivalent to duration of leave exceeding permissible limit will be implemented, if the total leave, cumulative of all kind of leaves exceeds more than 30 days for 1 year course and 60 days for 2 year course.

2) Minimum attendance required for sitting in examination:

A duly signed training completion certificate or a signed complete leave record for the entire training period will be needed to grant eligibility to appear in FIACTA exit exam. The minimum attendance required to appear in the exit exam would be a period of absence not exceeding 40 days in one year course and 80 days for the two year course, failing which the candidate will have to appear in the final exam in the next available session. All leave exceeding maximum permissible leave of 30 days & 60 days in 1 year and 2 year course respectively will have to be compensated by doing duty without stipend after the duration of the tenure.

3) Disciplinary powers and discipline among students:

A. All FIACTA accredited institutes are required to constitute a Grievance Redressal committee. Medical colleges/ NBE accredited institutes can use the already existing grievance committee for this purpose. It is the responsibility of the committee to:

- Attend to grievances of FIACTA registered trainees against the hospital for any issues related to training.
- To attend to disciplinary issues against registered trainees of the hospital on issues related to training.
- If the complainant is not satisfied with the decision of the hospital Grievance Redressal Committee, such matters shall be forwarded for further adjudication at ICCA level. ICCA should constitute a central redressal forum for issues which couldn't be resolved at the institute level.

The institute in such cases should submit an action taken report to ICCA for matters which could not be resolved at the institute level and were escalated for redressal at ICCA level.

Suggested Composition of Grievance Committee:

- Head of the Institute/ Chief Medical Superintendent / Clinical Director/ Academic Director: Chairperson
- Senior Faculty from Medical Specialty (In-House): Member
- Senior Faculty from Surgical Specialty (In-House): Member
- Fellowship programme Coordinator/SPoC of the hospital: Member
- Medical Superintendent/ HOD or equivalent in the hospital: Member
- Representative of the Fellowship trainees of the hospital: Member
- External Medical Expert of the Rank of Professor of a Government Medical College (or equivalent) with Basic Science background: Member

B. The services of the Resident may be terminated without any previous notice under the following conditions:

a. If he is satisfied on medical evidence that the Resident is unfit, and is likely to remain so for a considerable period for reasons of ill health, and is unable to discharge his/her duties. The decision of the Grievance Redressal committee whether the Resident is unfit and is likely to continue to remain unfit shall be conclusive and binding on him/her.

b. If the Resident is found guilty of any insubordination, interference, or other misconduct, or any breach or non-performance of any of the provisions of the agreement signed by him at the time of admission or any role pertaining to the institute.

c. If a resident is suspended from duty in connection with any investigation into his/her conduct, he/she shall not be entitled to any emoluments during such a period of suspension.

CHAPTER XI
AWARDS AND ACADEMIC DISTINCTIONS

56. Honorary FIACTA Guidelines

- a. Senior members of the IACTA with a strong academic background and a high level of integrity and reputation will be considered for an award of Honorary FIACTA. The award of honorary FIACTA to a member should not only honour the member, but should also bring prestige to the IACTA.
- b. Honorary FIACTA will be granted to a maximum of two members in a year, if they meet the eligibility criteria.
- c. The minimum eligibility for grant of Honorary FIACTA would be 20 year's experience in Cardiac Anesthesia. He/ she should have been a teacher in the field with an excellent academic background.
- d. The eligibility criteria will be displayed on the IACTA website.
- e. The individual should be nominated by two senior members, at least one of whom should be a Honorary FIACTA holder. The nominated individual then will be asked to submit a filled up proforma. The nominations should be submitted before 30th June every year. The nomination shall remain valid for a period of 3 years. A committee will screen the applications and submit their recommendations for approval to ICCA by 31st July of the year.
- f. The ICCA Board and thereafter the IACTA executive committee will approve the recommendations in the Mid-term ICCA Board/ IACTA Executive Council Meeting of the year. At least two third majority should approve the award of Honorary FIACTA.
- g. The selected candidate/s will be conferred Honorary FIACTA by the President IACTA during the following GBM.
- h. The selection committee for recommending names of the eligible candidates for the grant of Honorary FIACTA will consist of:
 - Chancellor ICCA
 - Vice Chancellor ICCA
 - Dean Academics ICCA to coordinate the nomination, application process and evaluation
- i. The applications will be evaluated numerically using a transparent scoring criteria as under:

Experience (Maximum 25 marks):

 - 1 mark for every year of experience in cardiac anaesthesia

Publications (Maximum 25 marks):

- 1 mark for each original article/review article
- 2 marks for each book chapter (standard publications only)
- 0.5 mark each for every editorial/commentary/correspondence
- 0.5 mark each for every case report

(Only PubMed Indexed peer reviewed journals and First / Corresponding authorship to be considered)

Conference participation (Maximum 25 marks):

- 1 mark for every national IACTA or other national conferences of national bodies attended as a faculty (speaker, moderator of panel discussion, panelist, workshop presentation)

Standing in Profession (Maximum 20 marks):

- 2 marks for each post held in IACTA Executive or ICCA Board
- 1 mark for an executive post held in the IACTA Regional body
- 2 marks for being an Examiner for DM/DNB/FIACTA
- 2 marks for holding an important professional appointment in government/international bodies
- 3 marks for Editor/editorial board member/guest reviewer of PubMed indexed journal
- 2 marks each for Awards such as FAMS, FRCA, FRCP, Prof Emeritus, BC Roy etc.

International invited faculty participation (Maximum 5 marks)

- 1 mark for each presentation

- j. Minimum marks for eligibility for grant of Honorary FIACTA will be 90 out of a total of 100.
- k. In case of a tie in the number of marks, the committee will grant it as per its discretion.

57. Honorary FTEE Guidelines

- a. Senior members of the IACTA with a strong academic background and high level of integrity and reputation will be considered for an award of the Honorary FTEE. The award of Honorary FTEE to a member should not only honour the member, but should also bring prestige to IACTA.
- b. Honorary FTEE will be granted to a maximum of two members in a year, if they meet the eligibility criteria.

- c. The minimum eligibility for grant of Honorary FTEE would be 15 years of experience in Cardiac Anesthesia.
- d. The eligibility criteria will be displayed on the IACTA website.
- e. The individual should be nominated by two senior members, at least one of whom should be a Honorary FTEE holder. The nominated individual then will be asked to submit a filled up proforma. The nominations should be submitted before 30th June every year. The nomination shall remain valid for a period of 3 years. A committee will screen the applications and submit their recommendations for approval to ICCA by 31st July of the year.
- f. The ICCA Board and thereafter the IACTA executive committee will approve the recommendations in the Mid-term ICCA Board/ IACTA Executive Council Meeting of the year. At least two third majority should approve the award of Honorary FTEE.
- g. The selected candidate/s will be conferred Honorary FTEE IACTA by the President IACTA during the following GBM.
- h. The selection committee for recommending names of the eligible candidates for the grant of Honorary FTEE will consist of:
 - Chancellor ICCA
 - Vice Chancellor ICCA
 - Dean Echo ICCA to coordinate the nomination, application process and evaluation
- i. The applications will be evaluated numerically using a transparent scoring criteria as under:
 - Experience (Maximum 20 marks):
 - 2 marks each for every year of experience in TEE.
 - Publications (Maximum 25 marks):
 - 2 mark for each original article/review article related to echo
 - 3 marks each for every book chapter related to echo (standard publications only)
 - 1 mark each for every editorial/commentary/correspondence on echo
 - 1 mark each for every echo based case report

(Only publications with Echo based work in Pubmed Indexed peer reviewed journals and First / Corresponding authorship to be considered)

 - Workshop/Conference participation (Maximum 25 marks):

- 1 mark for every national level IACTA TEE Workshops or other national Echo conferences of national bodies or international echo conferences/workshops attended as a faculty (speaker, moderator of panel discussion, panelist, workshop presentation)

Standing in Profession (Maximum 20 marks):

- 2 marks for each for every national TEE workshop conducted or IACTA / ICCA board membership dealing with Echo
- 1 mark each for every regional TEE workshop conducted
- 2 marks for being Examiner for FTEE or national level Echo examinations
- 2 marks for significant contribution towards echo practice in India
- 2 marks for holding an important professional appointment in government/international bodies related to echo
- 3 marks for Editor/editorial board member/guest reviewer of PubMed indexed journals related to echo

External Certification in TEE (10 marks):

- 10 marks for holding external international certification in TEE such as European, American, Japanese etc.

- Minimum marks for eligibility for grant of Honorary FTEE will be 80 out of 100.
- In case of a tie in the number of marks, the committee will grant it as per its discretion.

58. **Recertification / Revalidation of FTEE**

Recertification may be done every 10 years. This is to ensure that the fellowship owner is in touch with the subject and also for a third party evaluation and approval of IACTA's fellowship program. There is no need to recertify Honorary Recipients as is the practice worldwide.

Revalidation requires a score of 30 out of 100

- IACTA endorsed TEE workshops (maximum marks: 14): 2 marks each for every Invited lecture
- IACTA national conferences (maximum marks: 14): 2 marks each for every Guest lecture on TEE
- State/Regional level TEE workshops (maximum marks: 6): 1 mark each for every Guest lecture
- Attended National TEE workshops as moderator or chairperson (maximum marks: 7): 1 mark for each of the activities.

- e. Attended National TEE workshops (maximum marks: 6): 1 mark for each workshop attended
- f. Attended Regional / State TEE workshops (maximum marks: 3): 1 mark for each workshop attended.
- g. Publication on echo original articles in indexed journals (maximum marks: 10): 3 marks for each publication
- h. Echo based case report in indexed journals (maximum marks: 10): 2 marks for each publication
- i. Publication in IACTA Echo library (maximum marks: 5): 1 mark for each publication
- j. Conduct of a TEE workshop as organizing secretary/chairman/chief-coordinator: 5 marks
- k. Examiner of a TEE exam: 5 marks
- l. Publication of a book on echo: 10 marks
- m. Writing a Chapter on echo in a book: 5 marks

For items j to m there are no additional marks for more than one workshops/examinerships or publications.

59. Academic distinctions

CHAPTER XII

ELIGIBILITY CRITERIA AND SELECTION PROCESS OF ICCA BOARD MEMBERS

60. Selection Process

The various positions of ICCA Board will be selected by a selection committee which shall have majority members from EC of IACTA.

The members of the selection committee are:

1. President IACTA shall be the chairman of the committee and shall have the final word on selection. In case of any dispute, the decision of the President shall be final.
2. Secretary IACTA: shall work as member secretary for this committee and coordinate amongst the members. IACTA secretary shall prepare the comparative data sheet of the applicants as per the selection criteria for the different posts of ICCA and propose the same to the selection committee for final selection.
3. Chancellor ICCA
4. Advisor ICCA
5. Associate vice president, IACTA

6. Chief Editor, Annals of Cardiac Anaesthesia

The selection process will start one year in advance. The advertisement for the expected vacant post(s) will be announced in the GBM and the applications will be invited with a last date for filing the application. A life member of IACTA may apply for himself in a prescribed application format or can nominate a life member of IACTA for the post. In case of nomination IACTA office will communicate with the person whose name is nominated, for his acceptance.

The last date for the receipt of applications at IACTA Office shall be 31st May. IACTA secretary shall compile the applications as per the laid down selection criteria and send the details to the selection committee within 1 month. The decision of the selection committee will be presented during the midterm EC meeting and further presented in the subsequent GBM for approval. After approval of GBM, office order of the appointment of new ICCA office bearers will be issued by the secretary IACTA.

61. Eligibility criteria for Chancellor

- a. Should be an active life member of IACTA.
- b. Should not have faced any disciplinary action by IACTA.
- c. Should have extraordinary academic credentials.
- d. Should have attended at least fifteen (15) IACTA conferences and should have attended at least twelve (12) times as faculty.
- e. Should have attended at least eight (8) IACTA endorsed TEE conferences and should be a faculty for at least 6 times.
- f. Should be a reviewers for ACA, IACTA Echo Library and other indexed journals.
- g. Should have contributed in training of at least ten (10) candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published / co-authored (first three authors/last author) / corresponding author at least twenty five (25) papers related to cardiac anaesthesia in any indexed journal.
- i. There should be two (2) publications at IACTA Echo Library as authors or co-authors.

- j. Should have at least fifty (50) guest lectures at various national and international conferences in specialty of cardiac anaesthesia and / or TEE.
- k. Should be an editorial board member of ACA or should have served as editorial board member in past.
- l. Should have served at IACTA EC or ICCA or IERC for at least three (3) terms (at least 6 years).
- m. Preferably should have served as Vice Chancellor/Registrar/Dean
- n. Should preferably be part of cardiac anaesthesia (DM / PDCC / FIACTA / FNB / DNB cardiac anaesthesia or IACTA training programs).

62. Eligibility criteria for Vice-Chancellor

- a. Should be an active life member of IACTA.
- b. Should not have faced any disciplinary action by IACTA.
- c. Should have extraordinary academic credentials.
- d. Should have attended at least fifteen (15) IACTA conferences and should have attended at least ten (10) times as faculty.
- e. Should have attended at least eight (8) IACTA endorsed TEE conferences and should be a faculty for at least five (5) times.
- f. Should be a reviewers for ACA, IACTA Echo Library and other indexed journals.
- g. Should have contributed in training of at least eight (8) candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published/co-authored (first three authors/last author) /corresponding author at least twenty (20) papers related to cardiac anaesthesia in any indexed journal.
- i. There should be two (2) publications at IACTA Echo Library as authors or co-authors.
- j. Should have at least forty (40) guest lectures at various national and international conferences in specialty of cardiac anaesthesia and / or TEE.
- k. Should be an editorial board member of ACA or should have served as editorial board member in past.
- l. Should have served at IACTA EC or ICCA or IERC for at least three (3) terms (at least 6 years).
- m. Preferably should have served as Registrar/Dean / Academic council member.

- n. Should preferably be part of cardiac anaesthesia (DM / PDCC / FIACTA / FNB / DNB cardiac anaesthesia or IACTA training programs.

63. Eligibility criteria for Registrar

- a. Should be an active life member of IACTA
- b. Should not have faced any disciplinary action by IACTA
- c. Should have extraordinary academic credentials.
- d. Should have attended at least twelve (12) IACTA conferences and should have attended at least ten (10) times as faculty.
- e. Should have attended at least eight (8) IACTA endorsed TEE conferences and should be a faculty for at least four (4) times.
- f. Should be a reviewers for ACA, IACTA Echo Library and other indexed journals.
- g. Should have contributed in training of at least six (6) candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published/co-authored (first three authors/last author) /corresponding author at least fifteen (15) papers related to cardiac anaesthesia in any indexed journal.
- i. There should be two (2) publications at IACTA Echo Library as authors or co-authors.
- j. Should have at least twenty five (25) guest lectures at various national and international conferences in specialty of cardiac anaesthesia and / or TEE.
- k. Should be an editorial board member of ACA or should have served as editorial board member in past.
- l. Should have served in IACTA EC/ICCA or IERC for two (2) terms out of which one term should be must in EC .
- m. Preferably should have served as Dean/Academic Council member.
- n. Should preferably be part of cardiac anaesthesia (DM / PDCC / FIACTA / FNB / DNB cardiac anaesthesia or IACTA training programs.

64. Eligibility criteria for Advisor

The "Advisor ICCA" should have high academic credentials which is to be evaluated on the basis of their scientific contribution and involvement in teaching and training of postgraduates and cardiac anaesthesia trainees and organizing skills in IACTA.

- a. Should be an active life member of IACTA.
- b. Should not have faced any disciplinary action by IACTA.
- c. Should have extraordinary academic credentials.
- d. Should have attended at least fifteen (15) IACTA conferences and should have attended at least twelve (12) times as faculty.
- e. Should have attended at least eight (8) IACTA endorsed TEE conferences and should be a faculty for at least six (6) times.
- f. Should be a reviewers for ACA, IACTA Echo Library and other indexed journals.
- g. Should have contributed in training of at least ten (10) candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published / co-authored (first three authors/last author) / corresponding author at least 25 papers related to cardiac anaesthesia in any indexed journal.
- i. There should be two (2) publications at IACTA Echo Library as authors or co-authors.
- j. Should have at least fifty (50) guest lectures at various national and international conferences in specialty of cardiac anaesthesia and / or TEE.
- k. Should be an editorial board member of ACA or should have served as editorial board member in past.
- l. Should have served at IACTA EC or ICCA or IERC for at least three (3) terms (at least 6 years).
- m. Preferably should have served as Dean ICCA/ Vice Chancellor/Registrar.
- n. Should preferably be part of cardiac anaesthesia (DM / PDCC / FIACTA / FNB / DNB cardiac anaesthesia or IACTA training programs.

65. Eligibility criteria for Dean Academics

- a. Should be an active life member of IACTA
- b. Should not have faced any disciplinary action by IACTA
- c. Should have extraordinary academic credentials.

- d. Should have attended at least twelve (12) IACTA conferences and should have attended at least ten (10) times as faculty.
- e. Should have attended at least eight (8) IACTA endorsed TEE conferences and should be a faculty for at least four (4) times.
- f. Should be a reviewers for ACA, IACTA Echo Library and other indexed journals.
- g. Should have contributed in training of at least six (6) candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published/co-authored (first three authors/last author) /corresponding author at least fifteen (15) papers related to cardiac anaesthesia in any indexed journal.
- i. There should be two (2) publications at IACTA Echo Library as authors or co-authors.
- j. Should have at least twenty five (25) guest lectures at various national and international conferences in specialty of cardiac anaesthesia and / or TEE.
- k. Should be an editorial board member of ACA or should have served as editorial board member in past.
- l. Should have served in IACTA EC/ICCA or IERC for two terms.
- m. Preferably should have served as academic council member.
- n. Should preferably be part of cardiac anaesthesia (DM/PDCC/FIACTA/FNB/DNB cardiac anaesthesia or IACTA training programs).

66. Eligibility criteria for Dean Echo

- a. Should be an active life member of IACTA
- b. Should not have faced any disciplinary action by IACTA
- c. Should have extraordinary academic credentials. Must be a fellow of perioperative echo certified by IACTA/International organization.
- d. Should have attended at least twelve (12) IACTA conferences and should have attended at least ten (10) times as faculty.
- e. Should have attended at least eight (8) IACTA endorsed TEE conferences and should be a faculty for at least four (4) times.
- f. Should be a reviewers for ACA, IACTA Echo Library and other indexed journals.

- g. Should have contributed in training of at least six (6) candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published/co-authored (first three authors/last author) /corresponding author at least fifteen (15) papers related to cardiac anaesthesia in any indexed journal.
- i. There should preferably have five (5) publications at IACTA Echo Library as authors or co-authors.
- j. Should have at least twenty five (25) guest lectures at various national and international conferences in specialty of cardiac anaesthesia and / or TEE.
- k. Should be an editorial board member of ACA or should have served as editorial board member in past.
- l. Should have served in IACTA EC/ICCA or IERC for two (2) terms.
- m. Preferably should have served as academic council member.
- n. Should preferably be part of cardiac anaesthesia (DM/PDCC/FIACTA/FNB/DNB cardiac anaesthesia or IACTA training programs).

67. Eligibility criteria for Dean Research

- a. Should be an active life member of IACTA.
- b. Should not have faced any disciplinary action by IACTA.
- c. Should have extraordinary academic credentials.
- d. Should have attended at least twelve (12) IACTA conferences and should have attended at least ten (10) times as faculty.
- e. Should have attended at least eight (8) IACTA endorsed TEE conferences and should be a faculty for at least four (4) times.
- f. Should be a reviewers for ACA, IACTA Echo Library and other indexed journals.
- g. Should have contributed in training of at least six (6) candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published/co-authored (first three authors/last author) /corresponding author at least fifteen (15) papers related to cardiac anaesthesia in any indexed journal.

- i. There should be two (2) publications at IACTA Echo Library as authors or co-authors.
- j. Should have at least twenty five (25) guest lectures at various national and international conferences in specialty of cardiac anaesthesia and / or TEE.
- k. Should be an editorial board member of ACA or should have served as editorial board member in past.
- l. Should have served in IACTA EC/ICCA or IERC for two (2) terms.
- m. Preferably should have served as academic council member.
- n. Should preferably be part of cardiac anaesthesia (DM/PDCC/FIACTA/FNB/DNB cardiac anaesthesia or IACTA training programs).
- o. Dean research preferably should have at least two published research projects to his credit.

68. Eligibility criteria for Dean Examination

- a. Should be an active life member of IACTA
- b. Should not have faced any disciplinary action by IACTA
- c. Should have extraordinary academic credentials.
- d. Should have attended at least twelve (12) IACTA conferences and should have attended at least ten (10) times as faculty.
- e. Should have attended at least eight (8) IACTA endorsed TEE conferences and should be a faculty for at least four (4) times.
- f. Should be a reviewers for ACA, IACTA Echo Library and other indexed journals.
- g. Should have contributed in training of at least six (6) candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published/co-authored (first three authors/last author) /corresponding author at least fifteen (15) papers related to cardiac anaesthesia in any indexed journal.
- i. There should be two (2) publications at IACTA Echo Library as authors or co-authors.
- j. Should have at least twenty five (25) guest lectures at various national and international conferences in specialty of cardiac anaesthesia and / or TEE.

- k. Should be an editorial board member of ACA or should have served as editorial board member in past.
- l. Should have served in IACTA EC/ICCA or IERC for two terms.
- m. Preferably should have served as academic council member.
- n. Should preferably be part of cardiac anaesthesia (DM/PDCC/FIACTA/FNB/DNB cardiac anaesthesia or IACTA training programs).

69. Eligibility criteria for member of Board of Governors

- a. Should be an active life member of IACTA
- b. Should not have faced any disciplinary action by IACTA
- c. Should have extraordinary academic credentials
- d. Should have attended at least five (10) IACTA conferences and should have attended at least five (05) times as faculty.
- e. Should have attended at least three IACTA endorsed TEE conferences
- f. Should have served as Reviewer for ACA, IACTA Echo library or any other indexed journals.
- g. Should have contributed in Training of at least 5 candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published / co-authored (first three authors/last author) /corresponding author at least 10 papers related to cardiac anaesthesia in any major cardiothoracic or anaesthesia journal of which at least 5 should be in Annals of Cardiac Anaesthesia.
- i. Should have at least 10 guest lectures at various national and international conferences in specialty of cardiac anaesthesia and / or transesophageal echocardiography;
- j. Should be an editorial board member of ACA or should have served as editorial board member in past.
- k. Should have served at IACTA EC or ICCA / IERC for for two terms.

70. Eligibility criteria for Academic Council Member

The academic council member, as the name indicate, should have reasonably high academic credentials which is to be evaluated on the basis of their scientific contribution and involvement in teaching and training of postgraduates and cardiac anaesthesia trainees.

- a. Should be an active life member of IACTA
- b. Should not have faced any disciplinary action by IACTA
- c. Should have extraordinary academic credentials.
- d. Should have attended at least six (6) IACTA conferences and should have attended at least four (4) times as faculty.
- e. Should have attended at least five (5) IACTA endorsed TEE conferences and should be a faculty for at least three (3) times.
- f. Should be a reviewers for ACA, IACTA Echo Library and other indexed journals.
- g. Should preferably have contributed in training of at least three (3) candidates for DM Cardiac anaesthesia or fellowship in cardiac anaesthesia or TEE fellowship or FNB or DNB or PDCC cardiac anaesthesia.
- h. Should have published/co-authored (first three authors/last author) /corresponding author at least five (5) papers related to cardiac anaesthesia in any indexed journal.
- i. There should be two (2) publications at IACTA Echo Library as authors or co-authors.
- j. Should have at least five (5) guest lectures at various national and international conferences in speciality of cardiac anaesthesia and / or TEE.
- k. Should be an editorial board member of ACA or should have served as editorial board member in past.
- l. Should have served in IACTA EC/ICCA or IERC for two terms.

CHAPTER XIII MISCELLANEOUS

71. Miscellaneous

CHAPTER XIV
INTERPRETATION AND DISPUTES

- 72. Questions regarding interpretation and disputes regarding rules and regulations**