

# NATIONAL BOARD OF ACCREDITATION

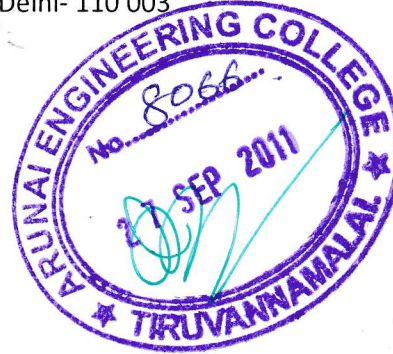
Bisham Pitamah Marg, Pragati Vihar, Lodhi Road,  
4<sup>th</sup> Floor, NBCC Building, East Tower,  
(An Autonomous Body of All India Council for Technical Education)  
Tel: 011-2436081, Tel Fax: 011-2436082  
New Delhi- 110 003

Dr. D.K. Paliwal  
Member Secretary, NBA

File No. 33-36/2010/NBA

To,

✓ The Principal,  
Arunai Engineering College,  
Velu Nagar, Thiruvannamalai- 606 603,  
Tamil Nadu



20<sup>th</sup> September 2011

Subject - **Accreditation status of programmes offered by** Arunai Engineering College, Velu Nagar,  
Thiruvannamalai, Tamil Nadu

Dear Sir/ Madam:

This has reference to your application dated 4-8-2009 seeking accreditation of National Board of Accreditation to various Programmes.

2. An Expert Committee conducted an on-site evaluation of the programmes. The report submitted by the expert committee was considered by the Engineering & Technology Accreditation Evaluation Committee (EAEC) for the concerned programmes. The Chairman of Executive Committee (EC) of the National Board of Accreditation considered the recommendations of the relevant Accreditation Evaluation Committee for each programme on 16-9-2011. The Chairman approved the accreditation status of each programme of your institution which is as under:

| S. No | Name of the Programmes                           | Accreditation status | Period of validity w.e.f 16-9-2011 |
|-------|--------------------------------------------------|----------------------|------------------------------------|
| 1     | BE- Electronic s & Instrumentation Engineering . | Accredited           | 3 years                            |
| 2     | B. Tech - Information Technology .               | Accredited           | 3 years                            |
| 3     | BE- Electrical & Electronics Engineering .       | Accredited           | 3 years                            |
| 4     | BE- Mechanical Engineering .                     | Accredited           | 3 years                            |
| 5     | BE- Computer Science & Engineering.              | Accredited           | 3 years                            |

3. The accreditation status awarded to the programmes as indicated in the above paragraph does not imply that the accreditation has been granted to the Arunai Engineering College, Velu Nagar, Thiruvannamalai, Tamil Nadu as a whole. The complete name of the programme(s) accredited, level of programmes (UG or PG as the case may be ) and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

*D.K. Paliwal*

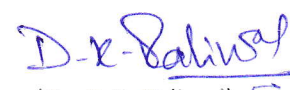
4. The accreditation status of the above programmes is subject to change on periodic review by the NBA Secretariat if major deficiencies are noticed. It is desired to comply with the mandatory disclosure of pertinent information in respect of accredited programmes indicated in table in paragraph 2 above in proforma prescribed on the website of the National Board of Accreditation. The same information is also required to appear on the website and information bulletin of your institution..

5. The accreditation status awarded to the programmes as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

6. A copy of the comprehensive Report submitted by the Chairman of the Expert Committee which visited your institution is enclosed for reference and taking necessary action to overcome the shortcomings, if any, observed by the Expert Team.

7. If the institution is not satisfied with the decision of NBA, appeal may be filed within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. D.K. Paliwal)  
Member Secretary

Encls: Copy of Report of Chairman of the Visiting Team

Copy to

1. The Vice Chancellor  
Anna University, Sardar Patel Road,  
Guindy, Chennai – 600 025, Tamil Nadu
2. The Secretary,  
Department of Technical Education  
Government of Tamil Nadu, Chennai - 600 009, Tamil Nadu
3. The Regional Officer  
All India Council for Technical Education  
Southern Regional Office, 26, Haddows Road,  
Shastri Bhawan, Chennai- 660 006
4. Accreditation File
5. Master accreditation file of the State.

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**REPORT OF THE NBA EXPERT COMMITTEE VISIT  
FOR ACCREDITATION OF FIVE UNDERGRADUATE  
PROGRAMMES OF ARUNAI ENGINEERING COLLEGE,  
VELU NAGAR, THIRUVANNAMALAI – 606603  
TAMILNADU**

A team consisting of the following experts visited ARUNAI ENGINEERING COLLEGE, THIRUVANNAMALAI for accreditation of five undergraduate programmes on April 20 – 22 , 2011.

| S.No | Name and Address of Expert                                                                                                                                 | Designation                                           |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| 1    | Prof. V.K.Tewari, Department of Metallurgical & Materials Engineering, Indian Institute of Technology, Roorkee 247667, Uttarakhand,                        | Chairman                                              |
| 2    | Prof. R.B.Lohani, Department of Electronics & Telecommunication Engineering, Goa College of Engineering, Government of Goa, Sarmagudi, Ponda , Goa- 403401 | Member/Expert, Computer Science and Engineering       |
| 3    | Prof. Subhansu Bandopadhyay, Department of Computer Science & Engineering, University of Kolkata                                                           | Member/Expert, Computer Science and Engineering       |
| 4    | Prof. Probhubai R. Tailor, Department of Mechanical Engineering,SVNIT, 29, Shakti Vision Society, Piplod, Surat – 395007                                   | Member/Expert, Mechanical Engineering                 |
| 5    | Dr. Satish Chand, MNNIT, A -19, Staff Colony, Allahabad – 211004,                                                                                          | Member/Expert, Mechanical Engineering                 |
| 6    | Prof.W. Z. Gandhare, Principal, Government College of Engineering, Aurangabad, Maharastra -431005                                                          | Member/Expert, Electrical and Electronics Engineering |
| 7    | Prof.C.A Babu,Professor, School of Engineering, Depertment of Electrical Engineering,                                                                      | Member/Expert, Electrical and Electronics             |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
|    | Cochin University of science and Technology,<br>Cochin-682022,kerala,                                                                   | Engineering                                        |
| 8  | Prof.C. Mahanta<br>Department of Electronics and Electrical Engineering,IIT Guwahati,North Guwahati,Guwahati-781039                     | Member/Expert, Electronics & Instrumentation Engg. |
| 9  | Prof. Ch.S.N Murthy<br>Department of Mining National Institute of Technology Karnataka, Mangalore,Karnataka                             | Member/Expert, Electronics & Instrumentation Engg. |
| 10 | Prof.K.Chandrasekharan,<br>Professor,Computer Science and Engineering,<br>National Institute of Technology, Surathkal,Mangalore-575025  | Member/Expert, Information Technology              |
| 11 | Prof.M.A.Peer<br>Professor &Head, Department of Computer Science & Engineering, University of Kashmir, Srinagar-190006, Jammu & Kashmir | Member/Expert, Information Technology              |

The Institute had submitted the following engineering streams to NBA for accreditation;

| S.No | Name of the Programme                       | Level |
|------|---------------------------------------------|-------|
| 1    | Computer Science & Engineering              | UG    |
| 2    | Mechanical engineering                      | UG    |
| 3    | Electrical and Electronics Engineering      | UG    |
| 4    | Electronics and instrumentation Engineering | UG    |
| 5    | Information Technology                      | UG    |

All the expert team members except two reached Thiruvannamalai in the evening of April 19-2011, the other two members Prof .R. Tailor and Prof. Lohani joined the team in the morning of April 20<sup>th</sup> 2011.

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The meeting of the expert committee took place on April 20, 2011 at 10 AM in the institute. The committee resolved to follow the same time schedule as provided by NBA office.

The committee member had a meeting with the college management at 10:15 AM. After the welcome address by the Principal of the institute, the chairman of the expert committee, Prof. V.K.Tewari, addressed the College Management and Officers. The chairman NBA Team informed the management about the time schedule of visit.

A presentation about the Institute was made by the Principal of the College.

After that, The members visited the Central Facilities like Computer Centre, Library, Education Technology Laboratory, Medical Facilities, Hostels (both boys and girls), Canteen, Transport Facilities, Sports Facilities, Training and Placement Cell, Power backup arrangements, Post Office and Bank Facilities etc.

The Expert Team of two members each as mentioned above visited the five concerned departments and collected information about Human Resources, Faculty, Supporting Staff (Technical/Administration) and Students. The experts also tried to access the process of teaching and R&D initiatives. The team thoroughly examined the different activities of the department including laboratory equipments and practical exercises. The team also collected information about other co-curricular and extra-curricular activities of the students.

In the mean time the Chairman went through the Land related, Financial/Budget related papers, Rules, policies and procedures published and followed by the College. Papers related to GB and other Academic and Administrative Bodies, their functions, responsibilities, list of meetings held in the past three years, the minutes and actions taken on that were scrutinized. All other papers related to Recruitments of Faculty and other Staff, T & P records, Records of Safety Checks (including Fire Fighting equipments and arrangements), Medical Care Unit and its records including MoU with nearby Hospital, Test Certificates of drinking water etc. were also checked. Academic Calendar, Schedule of tutorials and make up classes, assignment and evaluation schemes, Feedback proforma its analysis and

corrective actions on that, first year results, personality development programs run, and the list of Teaching Faculty ( for first year as well as for all classes) were examined. All other informations regarding earlier NBA accreditation reports, Admissions and seats filled in last three years and also data of lists and number of students passing the program in four years , Professional Society Activities, Entrepreneurship Development Programs, Industry-Institution Interaction activities, Sponsored and Consultancy Projects undertaken alongwith other Program specific data was examined ( photocopies of such information collected).

Close door meetings with teaching faculty, other non teaching staff (both technical and ministerial) and students was held to assess the real working situation in the college.

In the evening, the experts discussed the matter concerning the first day visit in Hotel.

The next day (21.04 2011), the experts visited their respective Departments for getting further information or about any points which could not be covered on day 1. The expert

Committee members also interacted with Alumni, Employers and parents to have their views about the College and its Functioning. In the afternoon, after completing all tasks, the Committee members met again to award marks for various parameters as per the prescribed norms and grade the different departments. Finally the formal report was filled and signed by experts and chairman for each respective program.

Out of all five Departments , all five departments got marks above 650 but below 750. The marks received by different Departments is as follows;

|   |                                             |    |          |
|---|---------------------------------------------|----|----------|
| 1 | Computer Science & Engineering              | UG | 675/1000 |
| 2 | Mechanical engineering                      | UG | 705/1000 |
| 3 | Electrical and Electronics Engineering      | UG | 717/1000 |
| 4 | Electronics and instrumentation Engineering | UG | 708/1000 |
| 5 | Information Technology                      | UG | 685/1000 |

On final day (22.04.2011), the Exit Meeting was held in the Hotel Conference room. The Chairman addressed the Management and Heads of Departments about their strengths and weaknesses in general and respective

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experts departmentwise. After this the Institute was given a chance if it wishes to withdraw one or more departments from accreditation. The Management and the Heads met separately and wished not to withdraw any course from accreditation..

The reports are being sent herewith along with CDs etc.

The Chairman of the expert committee thanked the Institute management for cooperation and his team members for assessment and report preparation.

The meeting ended with a vote of thanks to the chair.

V.K.T.  
27.4.2011

Prof. V.K.Tewari  
( Chairman, NBA Committee )

It is recommended that the report of the NBA Accreditation for three years be kindly approved for all the five branches.

V.K.T.

Prof. V.K.Tewari