



COLLEGE OF ENGINEERING ADOOR - 691551



ANNUAL REPORT APRIL 2015 - MARCH 2016

INTRODUCTION AND OUR ORGANIZATION

The versatile manifestations of engineering have had a profound and lasting impact on our civilization. From the grandeur of the pyramids and man's journey into space, to the recent information revolution, engineering continues to fascinate and enthrall.

The College of Engineering, Adoor (CEA), was established by Government of Kerala in 1994 under the Institute of Human Resource Development (IHRD), a Government of Kerala undertaking. CEA is located in the District of Pathanamthitta in the state of Kerala. Geographical boundaries are Western Ghats in the East and Arabian Sea in the West. Tamilnadu and Karnataka are the neighboring states. Admissions are carried out on the basis of the rank obtained in the All Kerala Common Entrance Examination (KEAM), conducted by the Controller of Entrance Examinations, Government of Kerala.

CEA is known for its academic excellence that provides undergraduate studies to about 1500 students in four disciplines. It imparts technical education and training in the fields of Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, and Mechanical Engineering. The institution is affiliated to Cochin University of Science and Technology (CUSAT) and APJ Abdul Kalam Technological University (From 2015 onwards). College of Engineering, Adoor is a recognized institution by the All India Council for Technical Education, New Delhi.

The college is magnificently spread up in 11.94 acres of scenic paradise. The College has good infrastructure facilities, which includes a central library, department libraries, well equipped laboratories and workshops. The College has two buildings where the main block is a five storey building and the second one, workshop block is a single storey building; together have a total built-up area of 10,886.4 Sqm. Administrative sanction for an additional built-up area of 2000 Sqm with financial support from NABARD is obtained. CEA also has a computer centre with high speed internet connection. The college's power requirement is catered by the 11kV substation with a 75kVA standby generator and with separate backup generator for Electrical Engineering Laboratories. Since the very first year of inception, CEA has achieved many a milestone both in academic and co-curricular pursuits. It has always provided an able platform for the students to turn into excellent engineers paving the path for a successful career.

VISION AND MISSION OF THE INSTITUTE

OUR VISION

Develop as a centre of academic excellence producing high quality professionals in the fields of engineering

OUR MISSION

As an institution, our mission is to provide world class education, foster development in research and development in Electronics, Computer & Mechanical fields. We strive to evolve innovative application of technology, encourage entrepreneurship and build young men and women capable of assuming leadership of the society.

TEQIP II

The Institute is one of the 19 institutes all over Kerala to have been selected for Technical Education Quality Improvement Programme (TEQIP) Phase- II, sub-component 1.1, with a funding of **Rs.10.00 Crores**. The MoU has been signed in **February, 2013** and the project completion date is **31st October, 2016**. The objective of the programme is **“Strengthening Institutions to improve learning outcomes and employability of graduates”**.

BOARD OF GOVERNORS

1.	Prof. T.I. Eldho , Professor (Civil Engg.), IIT Mumbai	Chairperson
2.	Mr. K.C.Chandrasekharan Nair, Associate Principal Consultant, KITCO, Cochin	Member
3.	Dr. Achuth Sankar Nair, Department of Computational Biology and Bioinformatics, University of Kerala	Member
4.	Sri. L. L Ramachandran, Deputy General Manager (IS), BPCL Kochi Refinery	Member
5.	Prof. Manju S Nair, Associate Professor, Department of CSE, College of Engineering Adoor	Member
6.	Prof. John George, Associate Professor, Department of EEE, College of Engineering Adoor	Member
7.	State Government Nominee(Ex-officio)	
	1. Addl.Sectry/Joint Sectry/Dy.Sectry (Admin Dept)	Member
	2.Secretary/Addl.Sectry/Joint Sectry/Dy.Sectry(Fin Dept)	
8	Prof. Jyothi John (Ex-officio), Principal, College of Engineering Adoor.	Member



TEQIP II ACTIVITIES

A. GENERAL

1. The firm **M/s K. Venkatachalam Aiyer & Co., Chartered Accountants**, had conducted a **statutory audit** for the financial statements of the College of Engineering Adoor for the financial year 2014-2015 on 10th -13th July 2015.

B. BOG MEETINGS

I. No	BOG meeting	Date & Time	Venue
1	VI	18.04.2015 10:30 AM	Conference Hall, College of Engineering Adoor
2	VII	03.10.2015 10.30 AM	Conference Hall, College of Engineering Adoor
3	VIII	12.01.2016 11.00 AM	Conference Hall, College of Engineering Adoor

C. FACULTY DEVELOPMENT PROGRAMMES

i. FDP–Training Programmes organized in this institution

Faculty Development Programmes have been conducted in the Institution by all the departments to train the faculty from our college and from the colleges in and around Kerala. The

resource persons for the FDP were eminent personalities from Industries and reputed Institutions who have shared their knowledge and practical sessions. The faculty members were able to enhance their technical skills and also to equip themselves for enhancing the quality of students.

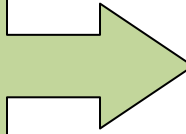


**TEQIP- II Sponsored
three days FDP on
“Hazards posed by
E-waste and
comprehensive waste
management” from
26th to 28th October
2015**



**TEQIP- II
Sponsored five days
FDP on “Research
Methodology” from
16th to 20th
November 2015**

TEQIP- II Sponsored two days Workshop on “A study on machine learning algorithms and complexity analysis” from 24th to 25th November 2015



TEQIP- II Sponsored two days FDP on “Object Oriented programming from Nutshell using Python” from 09th to 11th December 2015



**TEQIP- II Sponsored
five days FDP on
“Green
nanotechnology in
material Engineering
& energy applications”
from 15th to 19th
December 2015**

**TEQIP- II Sponsored
three days FDP on
“Recent Trends in
Digital Image
Processing” from
05th to 08th January
2016**





**TEQIP- II
Sponsored five
days FDP on
“Computational
Fluid Dynamics”
from 11th to 15th
January 2016**



**TEQIP- II Sponsored
three days FDP on
“Recent Advances in
renewable energy
technologies” from 28th
to 30th January 2016**

**TEQIP- II Sponsored
three days FDP on
“Next Generation
telecommunication
network –design &
implementation
strategies” from 03rd
to 05th February 2016**



**TEQIP- II Sponsored two
days Workshop on
“Introductory Workshop on
Graphs & Computational
number theory” from 15th to
16^h February 2016**

**TEQIP- II Sponsored
five days FDP on “State
of the art of solar energy
technologies” from 22th
to 26th February 2016**



**TEQIP- II Sponsored
five days FDP on
“Aerospace
Engineering – Theory
and applications”
from 18th to 23th
March 2016**





TEQIP- II
 Sponsored three
 days FDP on
 “Mathematical
 Applications in
 Engineering” from
 29th to 31st March
 2016

***ii. FDP/Institutional Reforms –Training programmes
 /workshops/ Conferences attended outside this institution***

The faculty members from College of Engineering, Adoor were able to participate in many of the training programmes outside the institution through TEQIP-II. The training programmes include technical training, management capacity enhancement training, and personality development training.

<i>Sl no.</i>	<i>Title of activity with date</i>	<i>Name of the Beneficiaries</i>	<i>Name of the organization</i>
1	STTP – Recent Advances in Nano Science and Technology 20th April – 1st May 2015	Suma Jacob (EEE)	Amal Jyothi Centre for Nano Science and Technology Karinjappally
2	STTP – Fundamentals of Finite Element Method: Overview, Theory and Concepts with Demonstrations 23rd – 25th July 2015	Sanchu S (ME) Sujithkumar P(ME)	IIT Hyderabad

3	STTP – Linear Algebra and applications 28th – 30th October 2015	Binulal B R (ME)	College of Engineering Karunagappally
4	Conference –International Conference IEEE-IGST Asia 2015 held at Bangkok, Thailand 4th – 6th November 2015	Dr. John George(EEE)	IEEE Power &Energy Society, Bangkok, Thailand
5	STTP – Power Industry Familiarization Program 19th – 21st November 2015	Sharon D Ronald (EEE)	Power Engineer training and research center(KSEB) Moolamattom, Idukki
6	Conference – 3rd International Conference on Control, Communication and Computing (ICCC 2015) – Paper presentation 19th – 21st November 2015	Renjith Kumar D(EEE)	College of Engineering, Trivandrum
7	STTP – Advanced Data Mining and Pattern Recognition 30th November – 04th December 2015	Manju J (CSE)	College of Engineering Perumon
8	Conference – International conference in aerospace and mechanical Engineering 14th - 16th December 2015	Gopu R(ME)	TKM College of Engineering Kollam
9	STTP – Sustainability in Civil Engineering 14th – 19th December 2015	Lasithan LG (ME)	College of Engineering Vadakara
10	Conference- 23rd national and first International confrence ISHMT-ASTFE 17th -20th December 2015	Jesto Thomas(ME)	LPSC, ISRO Trivandrum
11	STTP – Adavanced NanoScale Device Design Using TCAD 28th – 30th December 2015	Raji A (ECE)	College of Engineering Chengannur
12	STTP – Design and Engineering 29th – 30th December 2015	Suchithra Chandrasekheran(CSE)	LBS Institute of Technology for Women Trivandrum
13	Workshop - English for writing Ph.D Thesis and Journal papers 20th – 22th January 2016	Binulal B R(ME)	NIT Trichy

14	Symposium – Symposium on teaching learning 22th – 23rd January 2016	Dr. John George (EEE) Dr. Jayachandran E S(ECE)	TLC, IIT Madras
15	STTP – Part Modeling, Assembly modeling and Production drawing for Engineers & Designers 25th – 27th January 2016	Manu M John(ME)	IIT, Mandi
16	STTP – Advanced Process Control 10th – 12th February 2016	Binulal B R(ME) Dr. Jayachandran E S(ECE)	IIT, Guwahati
17	Workshop – national workshop on Recent trends in Big data analysis 27th February 2016	Sreedeepta H S(CSE)	Computer Society of India, Trivandrum
18	Workshop –Compter Vision – Techniques & applications 17th -19th march 2016	Manju J (CSE)	College of Engineering karunagappally

iii. FDP/Institutional Reforms –External Pedagogical Training Programmes

The faculty members from College of Engineering, Adoor were able to participate in pedagogical training programmes outside the institution through TEQIP-II.

<i>Sl no.</i>	<i>Title of activity with date</i>	<i>Name of the Beneficiaries</i>	<i>Name of the organization</i>
1	Pedagogical Training 18th -20th June 2015	Venkitaraj K P (ME) Manu M John (ME) Renjith Kumar D (EEE) Preethimol Selastain (ECE)	IIT Madras
2	Pedagogical Training 27th -29th June 2015	Binulal B R(ME) Dr.John George (EEE) Lasithan L G(ME)	IIT Madras

3	Pedagogical Training 20th -22th August 2015	Sajeevan M (AS) Syama S R (CSE) Bini B(ECE) Vinod Vijayan (ME) Dains K John (ME) Varunlal R (ECE)	IIT Madras
4	Pedagogical Training 21th to 23th September 2015	Rani Rajendran(ECE) Chithra Ravindran(ECE) Suchithra Chandrasekheran(CSE) Aparna L Raj (CSE)	IIT Madras
5	Pedagogical Training 8th to 10th October 2015	Shehna Jaleel (ECE) Gopika Syam (ECE) Alexy Z Puthenparampil (ME) Anoop R (ME)	IIT Madras
6	Pedagogical Training 29th to 31th October 2015	Suma Jacob (EEE) Anita Jose (EEE) Tulips Angel Thankachan (CSE) Shaema Lizabeth Mathew (EEE)	IIT Madras
7	Pedagogical Training 03th to 05th November 2015	Soumya T V (ECE) Nayana S (ECE) Radhika J M (ECE)	IIT Madras
8	Pedagogical Training 16th to 18th November 2015	Binsy N Rashad (CSE) Ram Kumar S (ME) Nidhin G Krishna (ME) Akhil R (ME)	IIT Madras
9	Pedagogical Training 18th to 20th January 2016	Girija V R (CSE) Jalaja M B (AS) Girija M G (ECE) Vinayak AS (ME) Anooj T James(ME)	IIT Madras

10	Pedagogical Training 25 th to 27 th February 2016	Manju J (CSE) Sharon D Ronald (EEE) Aarsha S (EEE) Reshma Gopinath (ECE)	IIT Madras
11	Pedagogical Training 10 th to 12 th March 2016	Harikumar T(ECE) Vibesh V Panicker (ECE) Anoop S (ECE) Jayaram K (CSE)	IIT Madras

iii. Publications by Faculty in National/International Conferences

<i>SL No</i>	<i>Title of the paper</i>	<i>National/ International</i>	<i>Department</i>	<i>Journal/ Proceeding</i>
1.	Numerical Study of Exhaust Gas Assisted Jet Compression in Diesel Engine	International	ME	Journal
2.	Validation of numerical results obtained by sloshing in a spherical tank	International	ME	Journal
3.	Conjugate heat Transfer in Concentric cylinder	International	ME	Journal
4.	Input mapping and simulation analysis using adaptive network based Fuzzy inference system	International	ECE	Journal
5.	Mass flow prediction of the coriolis meter using C0 continuous beam elements	International	ME	Journal
6.	Numerical Study of Forced convection in pin fin -dimple channels with fillet on dimple edge	International	ME	Proceeding
7.	Numerical Optimization of heat transfer enhancement in offset wavy channel using nanofluids	International	ME	Proceeding
8.	Heat transfer enhancement in a heat exchanger tube using Al ₂ O ₃ / water nanofluid and perforated helical screw tape inserts with wings	International	ME	Proceeding
9.	A numerical study on phase change material based heat sinks for portable electronic device cooling	International	ME	Proceeding
10.	Experimental investigation of heat transfer in C -shaped geometry using Nanofluids	International	ME	Proceeding
11.	Numerical Analysis of natural convection heat transfer	International	ME	Proceeding

	from various shaped thin fin-arrays placed on a horizontal plate			
12.	Simulation of absorber column of liquid desiccant vapour compression system	International	ME	Proceeding
13.	Flutter analysis of an aircraft wing and its rectification by using MSC Nastran	International	ME	Proceeding
14.	Numerical analysis of heat transfer using perforated ribs in v-shape arrangement on horizontal plate	International	ME	Proceeding
15.	Comparative study of power generation ability of biomass with and without coal	International	ME	Proceeding
16.	Experimental investigation of performance improving in an IC Engine using neodymium rare earth magnets	International	ME	Proceeding
17.	Comparative study of heat transfer across multilayer insulation	International	ME	Proceeding
18.	Experimental Investigation of Performance Improving and emissions reducing in a two stroke SI Engine using Ethanol Additives and using Magnetic field	International	ME	Proceeding
19.	Microcontroller based load monitoring system	International	EEE	Proceeding
20.	Micro Chip based digital controller for power factor correction with load monitoring	International	EEE	Proceeding
21.	Fuzzy Logic Controller for reactive power Compensation	International	EEE	Proceeding
22.	Statcom based controller for a 3 phase system fading single phase loads	International	EEE	Proceeding
23.	Single phase D Q Theory based control of DER inverters for power quality improvement	International	EEE	Proceeding
24.	Analysis of Coriolis effect in a curved pipe conveying hydrogen using Timoshenko beam element	International	ME	Proceeding
25.	Performance enhancement of heat sink with phase change Nano matrix	International	ME	Proceeding
26.	Estimation of ECG through universe modeling with blood pressure	National	ECE	Proceeding
27.	Detection, Classification and Location of transmission line faults using discrete wavelet transform	International	ECE	Proceeding

v Membership by Faculty in Professional Bodies

 ***Membership in IEEE – Raji A***

 *Membership in IEEE – Dr. John George*

D STAFF DEVELOPMENT PROGRAMMES

i. Staff –Training Programmes organized inside this institution

Staff Development Programmes have been conducted inside the institution for the benefit of non-teaching staff and office administrative staff. Staffs from our college and from outside have participated and enhanced their knowledge, skills and personality. The following workshops organized by different departments enhanced the knowledge and skills of technical staffs.

- a. **TEQIP- II Sponsored two days Workshop on “Hands on Training of modern electronic lab equipments” from 30th November 2015 to 01st December 2015.**
- b. **TEQIP- II Sponsored two days Workshop on “Advanced welding technologies and NDT technologies” from 28th January 2016 to 28th January 2016.**
- c. **TEQIP- II Sponsored two days Workshop on “A Glimpse in to the design & implementation of Electronics Hardware Resources” from 10th to 12th February 2016.**

ii. Staff –Training Programmes attended outside this institution

The non-teaching staff and office administrative staff from our institution have taken part in many of the staff development programmes conducted outside the institution.

<i>Sl no.</i>	<i>Title of activity with date</i>	<i>Name of the Beneficiaries</i>	<i>Name of the organization</i>
1	Workshop-Automated Accounted System using Tally.ERP9 Solution 21 th – 23 rd January 2016	Baby John K.Viswamohanan Pillai (OFFICE)	College of Engineering Karunagappally
2	Workshop- Research Skills & methods 19 th to 21 th February 2016	Biji Varghese (CSE)	IIT, Kanpur
3	Workshop-Patents and Intellectual Property Rights 4 th - 5 th March 2016	Biji Varghese (CSE)	NIT, Goa

E EQUIPMENTS PURCHASED THROUGH TEQIP

<i>Sl.No</i>	<i>Name of the Equipment(qty)</i>	<i>Dept</i>	<i>Price(Rs)</i>
<i>1</i>	<i>Text Books of Mechanical Engineering(1)</i>	<i>Library</i>	<i>7,07,622</i>
<i>2</i>	<i>Text Books of Electronics & Communication Engineering(1)</i>	<i>Library</i>	<i>6,08,533</i>
<i>3</i>	<i>Text Books of Computer Science & Engineering(1)</i>	<i>Library</i>	<i>6,75,986</i>
<i>4</i>	<i>Desktop Workstations(2)</i>	<i>EEE& ME</i>	<i>5,99,991</i>
<i>5</i>	<i>Multimedia projector Phase II(9)</i>	<i>Institution</i>	<i>3,31,164</i>
<i>6</i>	<i>IEEE e-journal subscription renewal for 2016</i>	<i>Library</i>	<i>431151</i>
<i>7</i>	<i>ASME e-journal subscription renewal for 2016</i>	<i>Library</i>	<i>184122</i>
<i>8</i>	<i>General Books(1)</i>	<i>Library</i>	<i>237772</i>
<i>9</i>	<i>Elsevier e-journal subscription renewal for 2016</i>	<i>Library</i>	<i>544067</i>
<i>10</i>	<i>J-Gate e-journal subscription for 2016</i>	<i>Library</i>	<i>68700</i>
<i>11</i>	<i>ASTM e-journal subscription for 2016</i>	<i>Library</i>	<i>84337</i>
<i>12</i>	<i>Fire Extinguisher(30)</i>	<i>Institution</i>	<i>254190</i>
<i>13</i>	<i>Epabx & Accessories(28)</i>	<i>Institution</i>	<i>136858</i>
<i>14</i>	<i>Equipments for Physics lab(11)</i>	<i>Applied Sciences</i>	<i>255016</i>
<i>15</i>	<i>Online UPS phase III(1)</i>	<i>ECE</i>	<i>126668</i>
<i>16</i>	<i>Equipments for Civil Engg.lab(8)</i>	<i>ME</i>	<i>39235</i>
<i>17</i>	<i>Equipments for Chemistry lab(50)</i>	<i>Applied Sciences</i>	<i>258908</i>

F III CELL ACTIVITIES

Expert Talks

- **“Launching Programs of ISRO” delivered by Mr.Umamaheswaran R, Sc/Engr , H& Project Director, VSSC , Trivandrum on 16.10.2015.**
- **“Technical Writing using LateX ” delivered by Mr. Naveen H, TCS,Ernakulam on 20.10.2015**
- **“Electronic Product Design” delivered by Mr. Liju Philip, Asst.Prof. in Electronics Engineering, College of Engineering, Chengannur on 02.11.2015.**
- **“Engineering Physics” delivered by Dr. M C Santhosh Kumar , Asst. Prof in Physics, NIT Trichy on 16.11.2015**
- **“Energy Conservation –Objectives & Techniques” delivered by Mr. A D Renganathan, Energy Management Centre, KSEB on 14.12.2015**
- **“Nanotechnology -Boon /Bane for the Environment” delivered by Dr. Kuruvilla Joseph, Dean(Student Activities), Senior Prof, Dept. of Chemistry, IIST, Trivandrum on 31.12.2015**
- **“Recent Developments in renewable Energy” delivered by Mr.Sivakumar V V, NTPC, Kayamkulam on 05.01.2016.**
- **“Introduction to NanoElectronics” delivered by Dr. Premlet B,Asso. Prof., Dept to Physics, TKM College of Engineering, Kollam on 05.01.2016.**
- **“Incubation and Product Design” delivered by Dr. Amaresh Chakrabarti, Prof., Centre of Product Design & manufacturing, IISc, Bangalore on 16.01.2016.**
- **“Motivation to IEEE (Empower)” delivered by Dr. Nisha Kuruvilla, Asso.Prof., Dept of Electronics Engineering, College of Engineering Chengannur on 21.01.2016.**

- **“Internet of Things” delivered by Mr.Sathish Babu C S., President of InApp Information Technologies and cofounder of ICFOSS (International Centre for Free and Open source software), Trivandrum on 22.01.2016.**
- **“Slum dog Millionaire” delivered by Mr Geo Jolly, Micro Soft Student Partner, on 29.01.2016.**
- **“Orientation of IEEE to first year students” delivered by Mr. Jai Nair, System Engineer at Infosys Pvt Ltd, Volunteer at IEEE Young Professionals, Kerala Section on 30.01.2016.**
- **“Engineering- Man’s Crowning Glory & design in Nature & Engineering” delivered by Dr.Chakravarthy Balaji, Professor, Dept of ME, IIT Madras on 06.02.2016.**
- **“Smart materials” delivered by Dr.John Philip, Professor, HBNI, SO/H, Head, Smarts & RTS, Metallurgy & Materials Group, IGCAR, Kalpakkam on 24.02.2016.**
- **“Open Source Hardware” delivered by Sri. Shahim Baker, Director, GreyTechnolab, Ernakulam on 25.02.2016.**
- **“Control System in Power Generation and SCADA ” delivered by G Muraleedharan, Asst Engineer, SCADA Governor & Exciter subdivision of Sabarigiri, HEP, Moozhiyar and Sabulal M K Asst. Engineer Sabarigiri, HEP, Moozhiyar on 29.02.2016**
- **“Development of HCCI Engineers- a new concept of engines for automobiles ” delivered by Dr. P.M.V.Subbarao, Professor, Dept of Mechanical Engineering, IIT Delhi on 03.03.2016**
- **“Autonomous Robotics: Design and Control” delivered by Dr.T Asokan, Professor, Dept of Engineering Design, IIT Madras on 08.03.2016**
- **“Fundamentals of Electrical drawing” delivered by Mr. Jain George, Asst.Professor, College of Engineering, Kottakara on 08.03.2016**
- **“Re-member” delivered by Sri. Ajmal Salim, senior engineer-Android, RightAway Inc., USA on 28.03.2016.**

Workshops

- I. **Workshop on “Raspberry Pi” from 17th - 18th September 2015** to aware the final year ECE students about Python and Raspberry Pi and to do projects on it. The sessions were handled by **Pratheesh V Nair, CEO, TACHLOG Pvt Ltd and Mr. Vivek V Babu, Executive Officer, TACHLOG Pvt Ltd, Trivandrum.**
- II. **Workshop on “Python for Raspberry Pi” from 12th - 13th January 2016** to aware the final year ECE students about Python and Raspberry Pi. The sessions were handled by **Sri Nikhil Chandran, System Architect, Tiltlabs Trivandrum, Smt Arunima S Kumar, Technical Consultant, Tiltlabs Trivandrum and Smt Madona Raichel, Technical Consultant, Tiltlabs Trivandrum.**
- III. **Workshop on “Migrating OOP with Java Technology” from 22nd - 23th January 2016** for the CSE students. The sessions were handled by **Mr. Anish S Nair, Founding member at Logix Space Technologies Pvt Ltd, Ernakulam and Mr Sooraj S, Logistic consultant, cofounder of Logix Space Technologies Pvt Ltd, Ernakulam.**
- IV. **Workshop on “Entrepreneurship Roller Coaster” on 16th February 2016,** an entrepreneurship training program for students. The sessions were handled by **Mr. Reji Thomas Mathew, Senior manager IBS, Technopark and Sri. Paulson, Senior Telecom Officer, BSNL, TVM.**

G STUDENT SUPPORT ACTIVITIES

Through TEQIP-II, many Training Programmes have been conducted for the benefit of students to enhance their subject knowledge, practical knowledge. Many programmes have been conducted to improve the skills needed for company placements which include aptitude based trainings, communication skills and personality development programmes.

- ❖ **A Soft Skill Training programme named “Campus Connect”** was conducted to impart pre-placement training for Personality Development, Resume Preparation, GD and interview from **15.07.2015 to 17.07.2015**. The sessions were

handled by *Jonathan Darshan, Facilitator, and Joel Samuel, Director (both from UR solutions –Infosys Campus Connect)*

❖ A Training programme named “**Quantitative Aptitude Training Programme**” was conducted to improve the aptitude skills and pre-placement training from **17.08.2015 to 19.08.2015**. The sessions were handled by *Vishnu Raj, and Jayesh J L, aptitude Trainers, Career Launcher, Trivandrum.*

❖ A Training programme named “**Soft skill Training Programme**” was conducted for 3rd year students to improve the aptitude skills and pre-placement training from **29.09.2015 to 30.09.2015**. The sessions were handled by *Neetu mol Taj, Jiby Annie Mathew, Soft skill Trainers, B-GHUD Academy, Mavelikkara*

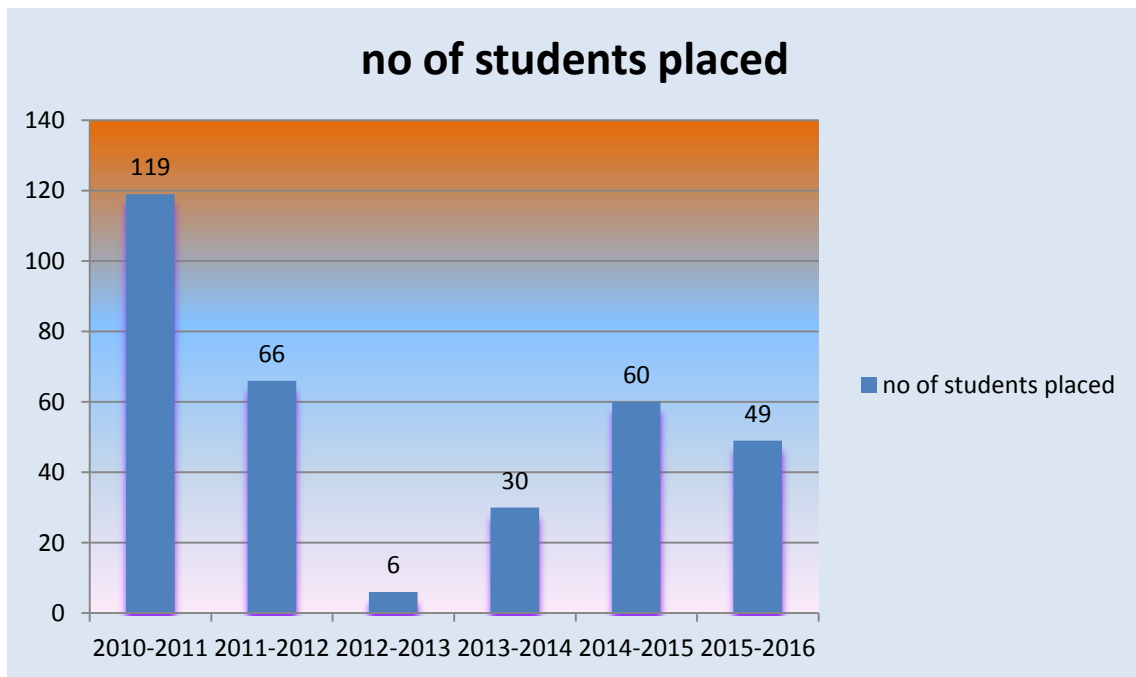
H ACADEMIC SUPPORT PROGRAMMES

Weak students were identified and the subjects that the students feel difficult both in the current semester and the arrear subjects were identified and remedial classes were arranged through TEQIP-II as part of Academic Support Programmes for the benefit of students. This arrangement is done to improve the academic results and the list of such programmes is listed.

	<i>Dept</i>	<i>Name of the Subject</i>	<i>Date of commencement of the class</i>	<i>Total No of Beneficiaries</i>	<i>No of Hours Engaged</i>
<i>REMEDIAL TUTORIAL / BRIDGE COURSES CONDUCTED</i>	<i>EEE</i>	<i>1802 Electrical machine Design</i>	<i>12.03.2016 to 19.03.2016</i>	<i>14</i>	<i>8</i>
	<i>ME</i>				
	<i>CSE</i>	<i>CS 1502 System Programming</i>	<i>30/10/2015 to 09/11/2015</i>	<i>19</i>	<i>11</i>
		<i>CS 1506 Micro Processor based Systems Design</i>	<i>03/11/2015 to 06/11/2015</i>	<i>17</i>	<i>12</i>
	<i>ECE</i>	<i>EC 1303 Network Theory</i>	<i>03/11/2015</i>	<i>33</i>	<i>15</i>

			<i>to 11/11/2015</i>		
		<i>EC 1305 Solid State Electronics</i>	<i>27/11/2015</i>	<i>5</i>	<i>3</i>
	<i>Combined for first year all branches</i>	<i>1108 Computer Programming</i>	<i>07/03/2015 to 25/04/2015</i>	<i>16</i>	<i>20</i>
		<i>BE 101 -05 Introduction to computing & problem solving</i>	<i>31/10/2015 to 05/11/2015</i>	<i>20</i>	<i>14</i>

H PLACEMENT PERCENTAGE



I RESULT ANALYSIS

