6.5.3 Average number of quality initiatives by IQAC per year for promoting quality culture (3)

Sl.No	Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from – to)	Number of participants
1	2018-2019	Renewal of students chapter -Computer soceity of india	01.01.2019	31.12.2021	NA
2	2018-2019	WIT & WIL - teaching methodology showing the importance, objectives and real life application of Subject Know	1st April 2019	1 day	76
3	2018-2019	One week faculty development programme on INSTRUCTIONAL MODEL FOR OUTCOME BASED EDUCATION	04.06.2018-09.06.2018	9.00 am to 04.30pm	52
4	2018-2019	Exploring the use of LMS and ERP in TL Process	12.08.2018	1 day	79
5	2018-2019	Lecture Series On Mentoring – Theory And Practice -I	01.11.2018-02.11.2018	10.00-04.00	20
6	2018-2019	Lecture Series On Mentoring – Theory And Practice -II	10.11.2018-11.11.2018	10.00-04.00	20
7	2018-2019	Quality Research And Funding Policy Implementation	10.02.2018-11.02.2018	10.00-04.00	105
8	2018-2019	Renewal of Institutional membership of National Cyber safety and Security standards	09.08.2018	31.12.2019	NA
9	2018-2019	ISO 9001.2015 certification	16.08.2018	05.04.2021	NA
10	2018-2019	IEEE ORIENTATION PROGRAM	11.10.2018-12.10.2018	10.00 -4.00	20
11	2018-2019	NBA Certification (EEE,CSE,PCE,ME)	18.12.2018	30.06.2021	NA
12	2018-2019	Replacement of conventional sources with LED bulbs	01.09.2018	NA	NA
13	2018-2019	Establishment of students chapter to promote professional things and ethical aspects- IETE STUDENT FORUM	01.02.2019	31.01.2021	NA
14	2018-2019	Implementation of IICHE Students forum	01.10.2018	Life time	NA
15	2018-2019	Renewal ofprofessional Body- ICT Academy	05.05.2018	NA	NA
16	2018-2019	Mini project made as mondate for Pre-Final years	27.06.2018	02.00-04.00	All third year
17	2018-2019	Mini project made as mondate for Pre-Final years	27.06.2018	02.00-04.00	All third year
18	2018-19	Academic and Administrative Audit	8th July 2018	9 months	24
19	2018-19	Open Ended Additional experoments through Virtual Lab	1st July 2018	2hrs	35
20	2017-2018	Session for exchange and Knowledge sharing of Best Practices	19.07.2017	6hrs	12
21	2017-2018	Implementation of uIEKTZ	12.06.2017	NA	NA
22	2017-2018	Adoptation of Village	4th Oct 2017	2 months	121
23	2017-2018	Workshop for Faculty Members on "Best Laboratory Practices"	18.07.2017	NA	74
24	2017-2018	Four Number of Alumni Interaction program	Sep-18	4 meet- One day each	260
25	2017-2018	Establishment of Professional body-INDIAN CONCRETE INSTITUTE	01.02.2018	Life time	NA
26	2017-2018	Lead Auditor Course	23.03.2018-24.03.2018	10.00-04.00	25
27	2017-2018	Establishment of Professional body- MT Research &Educational Services	01.01.2018	31.12.2018	NA
28	2017-2018	Session on "Grooming , CV writing & Interview skills"	22.12.2017	4 hrs	232
29	2017-2018	IEANG forum	01.11.2017	Life time	NA
30	2017-18	2 Day Orientation cum Workshop on "New and Emergent Pedagogies for 21st century Engineers"	7.11.2017	2 day	121
31	2017-2018	Sensitization programs on improving Research publications	21.10.2017	6 hrs	67
32	2017-2018	Teacher Qualities And Team Building	08.09.2017-09.09.2017	10.00-4.00	22
33	2017-2018	Attributes Of A Teacher	19.06.2017 -20.06.2017	11.00-04.00	80
34	2017-2018	Awareness class on Ulektz	02.06.2017-03.06.2017	10.00-04.00	86
35	2017-2018	Inter departmental visit to access the compliance of academic plan	4th Oct 2017	2 day	17

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			07.06.2017	NA	NA
36	2017-2018	Reformation of Internal Evaluation system	09.08.2017	08.08.2018	NA
37	2017-2018	Institutional membership on National Cyber safety and Security standards	05.09.2017	04.00-04.30	126
38	2017-2018	five years solved anna university question papers is given to students	5th April 2017	3 days	145
39	2016-2017	Specification of learning outcomes for all the courses	12.08.2016	NA	NA
40	2016-2017	Online outreach Programme-IIRS in collabaration with ISRO	7.09.2016	8hrs	126
41	2016-2017	One -Day Training Session on Bloom's Taxonomy and OBLT	2nd Jan 2017	2 days	16
42	2016-2017	Academic Audit	08.08.2016	02.00-04.00	106
43	2016-2017	Implementation of NPTEL and SWAYAM course	01.01.2016	31.12.2018	NA
44	2016-2017	Establishment of students chapter to promote professional things and ethical aspects- Computer soceity of india	28.05.2017	4 hrs	12
45	2016-17	Analysis of Journal Publications for gauging Quality	16.02.2017	NA	NA
46	2016-2017	Implemented Policy for Faculties to enroll for PhD	14th July 2017	5 hrs	214
47	2016-2017	Seminar on "How to select topic for project" for the student of 4th Year	12.01.2017	10.00-02.00	160
48	2016-2017	Motivational class to school students for higher studies	20.06.2015	NA	NA
49	2015-2016	Implementation of ERP for Administration and academic activities	04.06.2015	03.00-04.30	126
50	2015-2016	Awareness class on ERP	10.10.2015	NA	NA
51	2015-2016	preplacent training program inlated from First year	05.04.2016-06.04.2016	10.00-04.00	84
52	2015-2016	Awareness about NBA Accreditation process	20.03.2016	NA	NA
53	2015-2016	Participation in NIRF	01.02.2016	NA	NA
54	2015-2016	Rain water harvesting structure	01.11.2015	NA	NA
55	2015-2016	The Indian soceity for Technical Education	14.10.2014	10.00-4.00	45
56	2014-2015	Awareness about NAAC	24.03.2015	10.00-04.00	20
57	2014-2015	ISO Orientation Program	10.06.2014	NA	NA
58	2014-2015	outcome Based Education (OBE)	02.10.2014	NA	NA
59	2014-2015	Curriculum Enrichment through Value Added Courses	22.01.2015	NA	600
60	2014-2015	Training Sessons for Students for participation in National level activity.	24.12.2014	7 hr	143
61	2014-2015	A One day Programme on Stress Management for Administrative and Supporting Staff			

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Computer Society of India™

is pleased to certify that

JCT College of Engineering and Technology

Coimbatore - 641105

Tamil Nadu

is an

Educational Institution Member

(Membership Number M10178)

of

Computer Society of India

(Validity of this certificate is subject to renewal
of CSI membership and other norms of the Society)

Valid till 31st December 2021

Chennai

1st January 2019

Hon. Secretary

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JCT

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

TÜV AUSTRIA

Pichanur, Coimbatore-641105

Report on "A One day Programme on WIT & WIL - teaching methodology showing the importance , Objectives and Real life application of Subject knowledge" on 01.04.2019.

One day Programme on **WIT & WIL - teaching methodology showing the importance, Objectives and Real life application of Subject knowledge** was organized by the JCT college of Engineering and Technology on 01st April 2019. All the sessions were handled by eminent speaker Dr.S.Veluchamy, Associate Professor, C Abdul Hakeem College of Engineering and Technology, Vellore. The training programme received an overwhelming response with **faculty members** and Principal.

The training programme aimed to provide opportunities to staff members about **"Effective Teaching methodology and the importance, Objectives and Real life application of Subject knowledge"** in their relative fields. The eminent speaker explained the benefits of teaching methodology in the following topics.

- **Recent trends & challenges in engineering education**
- **Teaching-Learning Process with WIT & WIL Methodology?**
- **"Why am I Teaching & What I am Teaching"**
- **"Why am I Learning & What I am Learning"**

The training programme was concluded with the valedictory function. Principal presents the vote of thanks to the eminent person on behalf of JCT Management.

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PITCHANUR,COIMBATORE

Report on Instructional Model For Outcome Based Education on 04th June To 09th June 2018.

One week **Faculty Development Programme on "INSTRUCTIONAL MODEL FOR OUTCOME BASED EDUCATION"** was organized by the JCT college of Engineering and Technology from 4th June to 9th June, 2018. All the sessions were handled by eminent speakers **Dr.T.Gnana Sambanthan, Professor/CSE and Dr. P. Sivasankar, Assistant Professor/EEE from National Institute of Technical Teachers Training and Research (NITTTR), Chennai**. The FDP programme received an overwhelming response with 52 participants from various departments like Civil, CSE, ECE, EEE, Petrochemical, Mechanical, Science& humanities and Principal, Director.

The FDP aimed to provide opportunities to faculty members to enrich their teaching skill and research. The programme was also planned to expose the last decade important changes in the instructional design, preparation of high-quality teaching materials, and in the development of quality delivery and assessment mechanisms conducive to the enhancement of the teaching –learning process.

The topics covered during the programme are listed below

- Learner Characteristic & OBE components-I,II
- Institutional Characteristics for OBE-I,II
- Instructional Characteristics for OBE-I,II
- Assessment Characteristics for OBE-I,II
- OBE Curriculum Mapping and Aligning
- Performance Appraisal
- Outcome based Simulated Delivery

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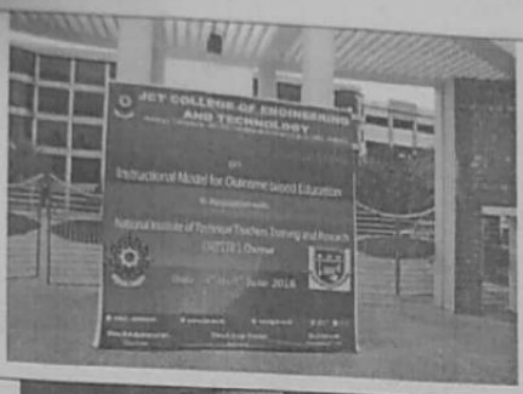

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TÜV AUSTRIA

EFFECTIVE UTILIZATION OF LMS & ERP IN TEACHING LEARNING

12.08.2018

A guidance program on effective utilization of LMS & ERP was be conducted on 12.08.2018 during the time 10am-4.30pm at the seminar hall. All faculties from respective department along with their HoD's were present. The program was initiated with an introduction talk by the principal about the newly implemented LMS and ERP tools. He explained that ERP stores all entered data into a single database, allowing all departments to work with the same information. Additionally, all this data can be organized, analyzed and made into reports. During the session it was explained that in learning management system learning resources such as study materials, question bank etc., can be uploaded by the faculty members which can be utilized by the students anytime with the help of laptops or mobile. The further discussion included the use of the ERP in which the day today activities like attendance, lesson plan, students counseling reports, exam fee details, result analysis etc., can be recorded.

All faculties and students are provided with individual user id and password with which they can access their portal. The ERP system is monitored periodically by the HoD, principal and management, feedback is provided accordingly. It was also announced that ERP feedback is being considered for the faculty performance appraisal. The program was followed by a session were the faculties were taught how to use this software.

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PITCHANUR,COIMBATORE

Report on Lecture Series On Mentoring – Theory And Practice – I

A seminar on 'Lecture Series on Mentoring-Theory and Practice' delivered by Dr.K.Rameshwaran, Director, JCT Group of Institution. The seminar has been organized on 01.11.2018 and 02.11.2018 at 10.00 to 04.00 in the seminar hall by the management to the faculty of Science and Humanities. The seminar has been started with an introduction on mentorship which held the teaching

fraternity in spell bound with multiple dogmas and its practices.

The following points were discussed in the seminar:

- He penchantly emphasized that mentorship is to help people effectively in both personal and professional life.
- He asked the faculty member to facilitate sharing insights, providing encouragement and opening doors to the mentees.
- He stressed that the role of mentorship is all about the focusing on growth which should be overall improvement and overall development.
- He explained the history of mentoring, types of mentoring and also the skills required to be an effective mentor.
- He told that mentor should bring emotional stability into the head of mentees and also been a role model to the mentees.
- He has given a precise picture about three skills which are Basic skills, Core skills and Critical skills and also mentioned that mentor should be with accessibility, self awareness, organizational structure, credibility, communication, understanding and desire to help others

The session ended with the vote of thanks by Dean, Academics, Dr.P.Pitchandi.

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PITCHANUR,COIMBATORE

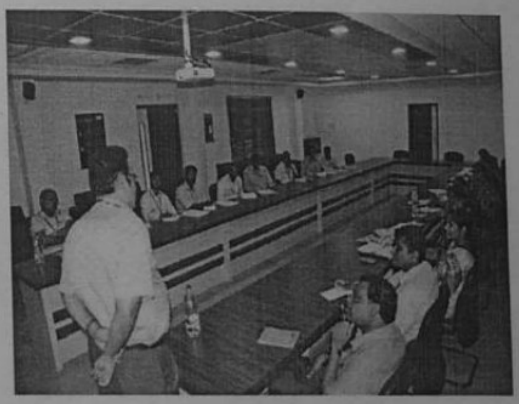
Report on Lecture Series On Mentoring – Theory And Practice – II

The second lecture in the above series by our Director started at 10.00 to 04.00 in the Board Room of our college on 10.11.2018 and 11.11.2018. 20 faculty members of the Department of Science and Humanities attend the presentation. In his presentation, he mainly focused on the skills required by the mentors.

The following points were highlighted:

- Skills to be possessed by mentors.
- He emphasized that Instruction, Inspiration, Providing feedback, Mentioning Risks, Encouraging are the specific skills required to be successful mentors.
- He also stressed that each mentor should identify the goals of his/her mentees and encourage him/her in achieving his/her goals.
- Each mentor should assist their mentees in locating resources such as software, books, etc... and to encourage them in extra-curricular activities.
- It is the responsibility of a mentor to mould his/her mentees and to create opportunities for them to face the outside world.
- He captivated the listeners by telling stories and anecdotes and also raised questions.

The session ended up with a formal Vote of Thanks by Dr. P. Pitchandi, Dean (Academics).



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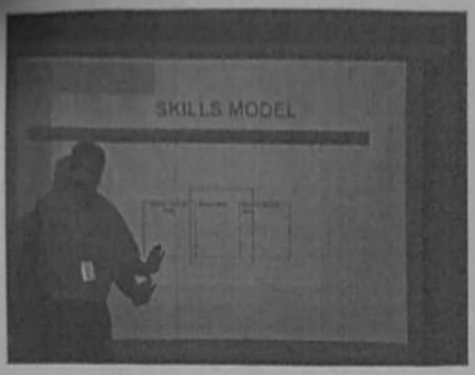

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PITCHANUR,COIMBATORE

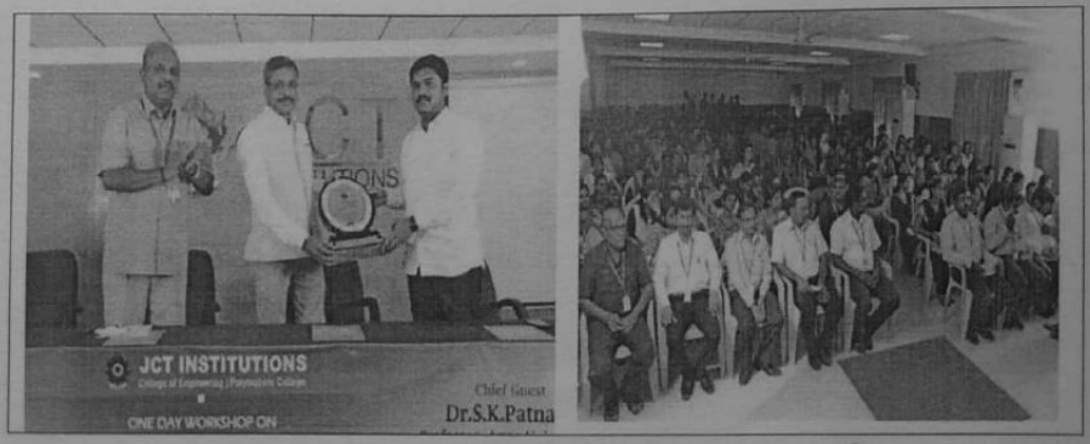
Report on Quality Research And Funding Opportunities

The Industrial Institute Partnership Cell of JCT College of Engineering and Technology organized a Two day work shop on the topic **"QUALITY RESEARCH & FUNDING OPPORTUNITIES". Dr. S K Patnaik**, Professor of EEE Department, Anna University, Chennai conducted the workshop.

Dr. G. Ramesh (Principal) welcomed the Chief Guest and the gathering. The Secretary **Shri.R.Durgashankar** felicitated the chief guest with a memento. **Dr. V J Arul karthick,** Prof and Head of Electronics and Communication Engineering Department introduced the Chief Guest.

Dr. S K Patnaik enlightens the students with an interacting session in Morning. He spoke about the qualities of engineers and how to develop the skills needed for the corporate world. Also, he gave suggestions on attitude and personality development.

The afternoon session was given to the HODs and Staff Members of all departments. The session was about the quality of research papers and budget. He gave hints on how to write a quality research paper, steps in applying for research funding. Also he explained the ways to publish the papers in reputed journals. He explained about various UGC and AICTE funding schemes available for research, to conduct faculty development program and career advancement program. And he briefed the budget related details. He also spoke about teaching learning process and teaching methodologies. **Dr.G.Ramesh** (Principal) thanked the resource person and the faculty member participants.



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NATIONAL CYBER SAFETY AND SECURITY STANDARDS

Certificate of Institutional Membership

This is to Certify that

JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE, TAMIL NADU

has been renewed as an Institutional Member.

राष्ट्रीय साइबर सुरक्षा और सुरक्षा मानकों
National Cyber Safety and Security Standards

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CERTIFICATE

TÜV AUSTRIA

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Management system as per
EN ISO 9001:2015

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

JCT College of Engineering and Technology

Pichanur, Coimbatore - 641 105,
Tamil Nadu, India

applies a management system in line with the above standard for the following scope

Providing Educational Services Leading to Under Graduate & Post Graduate Degrees in Engineering & Technology

Certificate Registration No. 20100151420071

Valid until 2021-04-05
Initial certification: 2012-04-06

Certification Body
at TÜV AUSTRIA CERT GMBH

Vienna, 2018-08-16

This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification procedures and is subject to regular surveillance audits.
TÜV AUSTRIA CERT GMBH Deutschstraße 10 A-1230 Wien www.tuv.at

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

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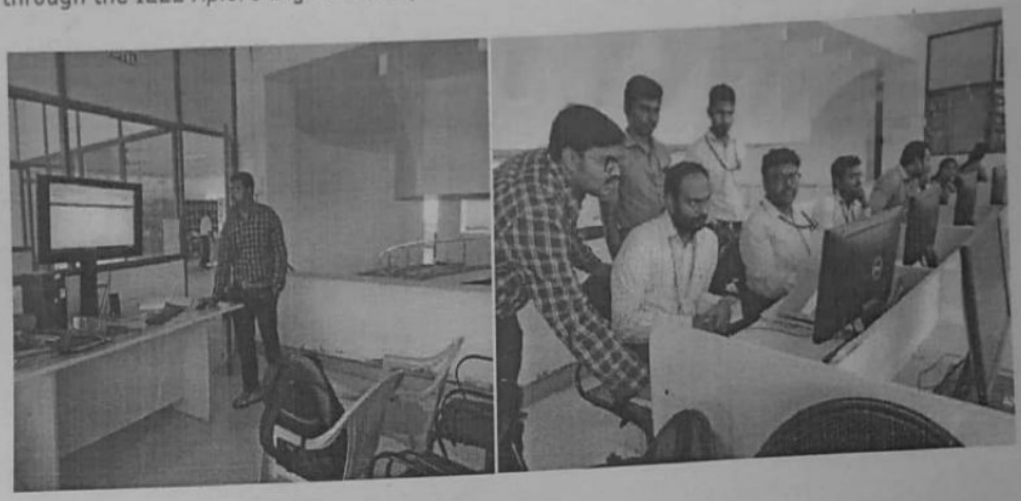
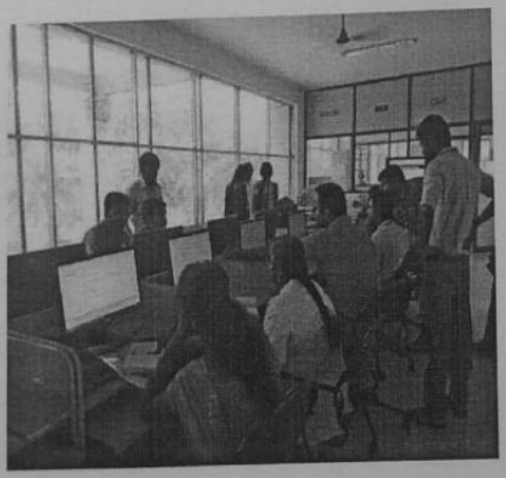
PITCHANUR,COIMBATORE

Report on IEEE Orientation Program

IEEE Orientation Program organized by JCT College of Engineering and Technology on 11th and 12th October 2018 for the benefit of our faculty members. Mr. Nandhalal from Ebsco explained the benefits IEEE. IEEE provides a wide range of quality publications that make the exchange of technical knowledge and information possible among technology professionals. This essential content, categorized below, is delivered through the IEEE *Xplore* Digital Library.





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NATIONAL BOARD of ACCREDITATION

F. No. 83-868/2017-NBA

Dated: 18-12-2018

To,
The Principal
JCT College of Engineering and Technology,
Pichanur,
Coimbatore-641 105,
Tamil Nadu

Subject: Accreditation status of programmes applied by JCT College of Engineering and Technology, Pichanur, Coimbatore-641 105, Tamil Nadu

Sir,

This has reference to your application I.D. No. 2309-22/08/2017 seeking accreditation by National Board of Accreditation in Tamil Genius to UG Engineering programs offered by **JCT College of Engineering and Technology, Pichanur, Coimbatore-641 105, Tamil Nadu**.

2. An Expert Team conducted on-site evaluation of the program from 12th to 14th October, 2018. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program (A) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1	Mechanical Engineering	Tamil June 2018 Document	Accredited	Academic Years 2018-2019 to 2020-2021 i.e. upto 30-06-2021	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2	Computer Science & Engineering		Accredited		
3	Petrochemical Engineering		Accredited		
4	Electrical & Electronics Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 2 years. **JCT College of Engineering and Technology, Pichanur, Coimbatore-641 105, Tamil Nadu** should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status. This would entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

Contd...

-2-

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **JCT College of Engineering and Technology, Pichanur, Coimbatore-641 105, Tamil Nadu** as a whole. **As such the institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs 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.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluation Reports in respect of the above programs are enclosed.

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

Yours faithfully,

(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.
2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Registrar,
Anna University, Guindy
Tamil Nadu-600025

2. The Principal Secretary (Higher Education)
Government of Tamil Nadu
N.K.M. Building, 6th Floor, Secretariat
Chennai-600009
Tamil Nadu

3. The Commissioner,
Directorate of Technical Education
Sardar Patel Road, Guindy
Chennai-600025, Tamil Nadu

4. Accreditation File

5. Master Accreditation file of the State

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on establishing

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IETE

LT COL DIPANKAR SEN (RETD)
Secretary General

PROF (DR) K T V REDDY
President

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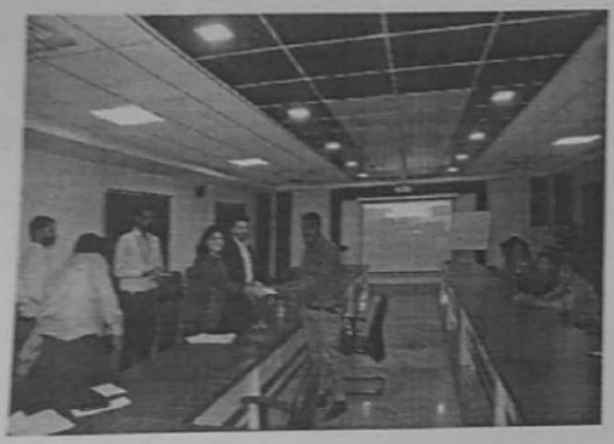
Replacement of conventional sources with LED bulbs



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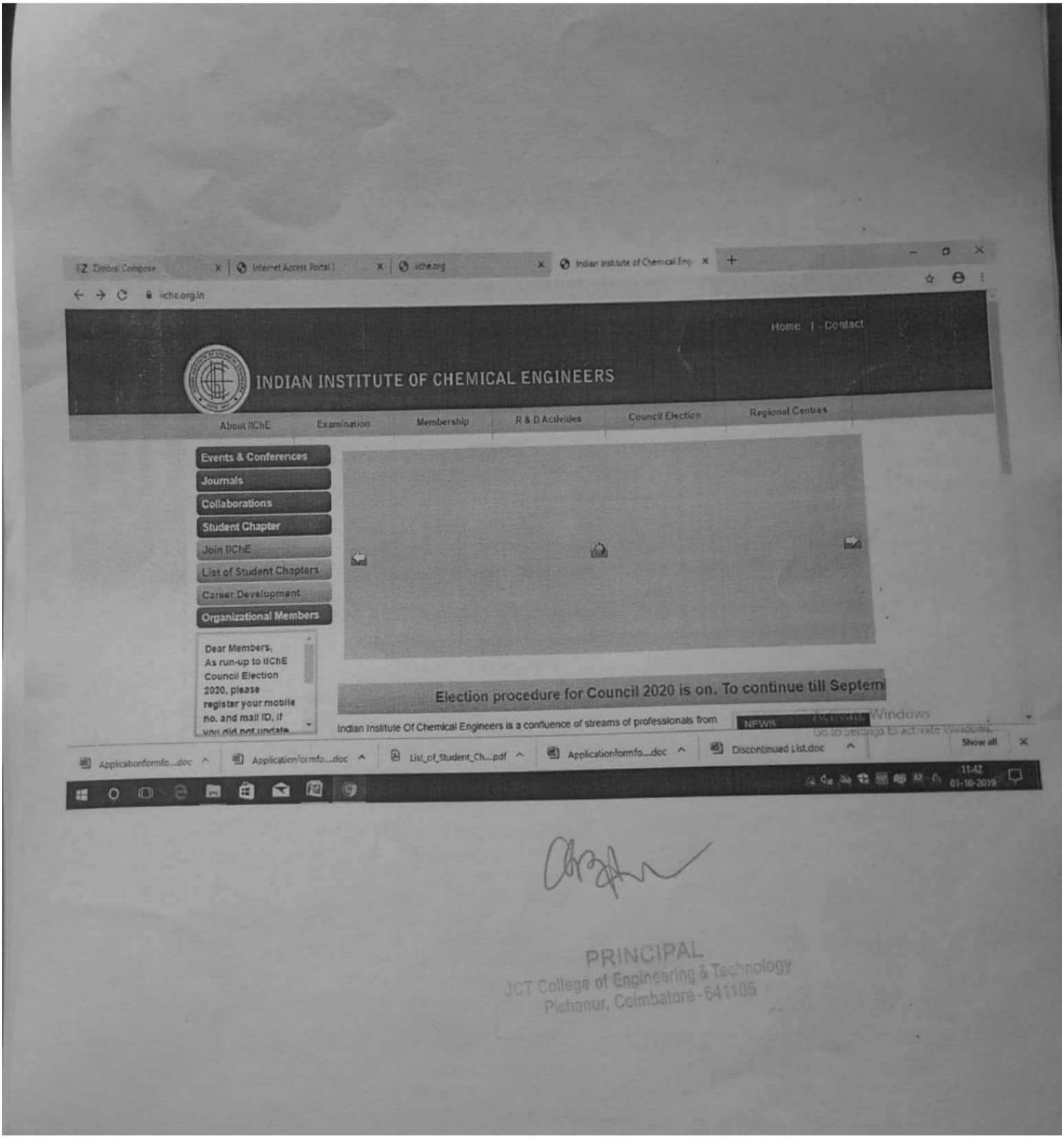

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62)	Coimbatore	**Coordinator** Dept of Chemical Engineering R V S College of Engineering & Technology Kumaran Kottam Campus Kannampalayam (P.O.) Coimbatore – 641 402 **Coordinator :** Mr A Sakthi Saravanan, Assistant Professor (Mobile) : 09585557545 Email: sakthisaravanan89@ymail.com/sakthisaravanan098@gmail.com
63)	Coimbatore	**Coordinator** JCT College of Engineering & Technology Pichanur, Coimbatore-641 105 **Contact Person**: Dr G Ramesh, Principal (Mobile): 09361422201 Email: info@jct.ac.in
64)	Coimbatore	**Coordinator** Dept of Chemical Engineering Nandha Engineering College Pitchandampalayam (PO), Vaikkalmedu Erode-Perundurai Road Erode – 638 052 **Coordinator**: Mr G Mohankumar, (Mobile): 09942498882 Email: hodchemical@nandhaengg.org/ petromohankumar@gmail.com
65)	Doaba	**Coordinator** Student Chapter, IIChE Dept of Chemical Engineering Dr B R Ambedkar National Institute of Technology, G T Road Bye Pass Jalandhar 144 011, Punjab **Co-ordinator**: Dr M KJha, 1. Prof M K Jha Mobile: 09417290668/08283937139 E Mail: jhamkin@yahoo.co.in 2. Mr Jatinder Kumar (Mobile) 9876850908 E.Mail: kumarj@nitj.ac.in
66)	Doaba	**Coordinator** Student Chapter, IIChE. Dept of Chemical Engineering Shaheed Bhagat Singh State Technical Campus Moga Road, Ferozepur 152 004 (Punjab) **Co-ordinator** : Mr Rajeev Arora, Head (Mobile):09463385619 E.Mail: rajiv_fzr@yahoo.com Website: www.sbsstc.ac.in
67)	Doaba	**Coordinator** Student Chapter Dept of Chemical & Bio Engineering Beant College of Engineering & Technology Gurdaspur 143 521 Punjab **Co-ordinator:** Dr Vipan Kumar Sohpal (Mobile): 09888220918 Email : vipan75002@gmail.com Vipan752002@rediffmail.com

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PITCHANUR,COIMBATORE.

Report on Mini project made as mandate for Pre-Final Years On 27.06.2018

Our college has organized Motivational Class for Mini project made as mandate for Pre-Final Years students on 27.06.2018 delivered by Dr.G.Ramesh,Principal, JCT college of Engineering and Technology.The mini project which had made for pre final year students was very useful. It helped a lot for creating an idea about how to prepare a project. By doing the mini projects students had gain practical knowledge about their subjects. Inspite of the theory concept they acquired the capability to show their specific initiative. Though the electronics circuits used in the project may look complex still by the use of circuit diagram they made the project easily and it was realy convenient to others.

They understood the content deeply and learned more about how to use the various components and also where they are used. And got a clerity on the connection of the equipments. It offer a chance for participating and to gain a new experience. For the students it was a critical evaluvation about the topic. Mini projects can help to boost skills and widen the horizon of thinking.

The session ended up with a formal Vote of Thanks by Dr.Rajiv Sureshkumar Head of Department,Computer Science and Engineering.

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TÜV AUSTRIA

Date: 01/07/2018

REPORT ON OPEN ENDED ADDITIONAL EXPERIMENTS THROUGH VIRTUAL LAB

A Motivational class for teaching staff was conducted by department of Computer Science and Engineering at Seminar Hall. The session was started with welcome Address by Dr.G.Rajiv Suresh Kumar, the Head of the Department of Computer Science and Engineering. It was mainly conducted for teaching staffs of JCT College of Engineering and Technology. The topic was "Open Ended Additional Experiments through Virtual Lab". The resource person for the session was Dr.P.Senthil Kumar, Associate Professor/IT, Sri Krishna College of Engineering and Technology.

The session was given for motivation to achieve the quality of using Virtual lab. He explained the needs and importance of Virtual lab. The session was very useful and helpful for them. The scope and ideas of the quality are highlighted by the resource person.

He also highlighted the importance of virtual lab through various visual demonstrations. He also shared various ideas of using virtual lab and experience in this field which was very encouraging for them. The session was concluded by vote of thanks from Mr.K.Sivakumar, Assistant Professor of Computer Science and Engineering.

Topics Covered:

- Exciting teaching experience using virtual labs
- Innovative lab protocols and simulations

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TÜV AUSTRIA

Pichanur, Coimbatore-641105

Report on "One day training Session for Exchange and Knowledge sharing of Best Practices on 19.07.2017.

REPORT

One day training Session on **"Exchange and Knowledge sharing of Best Practices"** was organized by the JCT college of Engineering and Technology on 19th September 2017. All the sessions were handled by eminent speakers **Mr.Vengatesh Prabhu**. The training programme received an overwhelming response from various departments like Auto, Civil, CSE, ECE, EEE, Petrochemical, Petroleum, Food Technology, Mechanical, Science& humanities and Principal.

The training programme aimed to provide opportunities to faculty members to enrich the context of Knowledge exchange. The main purpose of knowledge exchange is to connect practitioners (in any field or discipline) with each other so they can discuss their work, learn from one another -- and achieve improvements in results. Sharing knowledge, especially experiential knowledge, is a key ingredient in innovation. Knowledge exchange is essential to achieve continual learning from experience and apply that learning to improve our work. The eminent speaker explained the benefits of Journal Publications for gauging Quality in the following topics.

- Design your Institution space to be conducive to conversation. ...
- Encourage various forms of **knowledge sharing**. ...
- Incentivize **knowledge sharing**. ...
- Revamp your training and on boarding **methods**. ...
- Find a **knowledge sharing** software that is right for your Institution.

The training programme was concluded with the valedictory function. Principal presents the vote of thanks to the eminent person.

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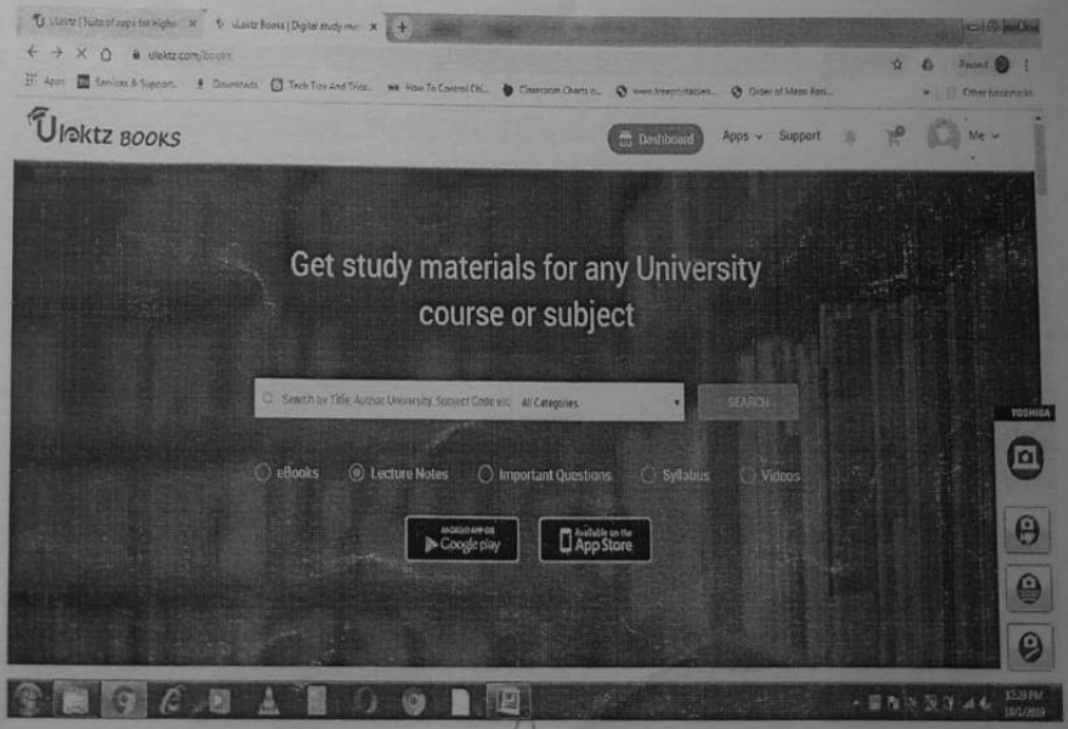
TÜV AUSTRIA

REPORT ON Ulektz IMPLEMENTATION PROGRAM

A special program was organized by JCT institutions on 12.06.2017 at seminar hall .For this program Principal ,HoDs from various departments and all faculty members are attended the program.

Mrs.Shanmugapriya from CSE department explained the benefits of Ulektz and They gave a brief introduction about the software and educated how can enter notes of lesson and notes uploading and how can get the details in the report format also for further use. The session includes the software modules of Digital library, e books and online class, online test and staff and student details.

They gave a brief class on how to use this software and how we upload the videos, assignments question paper marks and all. A live and effective interaction was there between faculties and guests. Finally our principal thanked the chief guests and all the faculties who were present for this implementation program.



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ADOPTION OF VILLAGES

On october 4 th, 2017 ,Jct College Of Engineering And Technology adopted new village Pichanur which is very near to college campus. Nearly 7000 members are living in this village. The priority areas for intervention in the villages are health, sanitation and hygiene. A number of initiatives on healthcare, sanitation and waste management were undertaken in the village in order to improve the lives of the people. A cleaning vehicle is operational in the village along with cleaning staff who keep the streets and area clean. Tree plantation of flowering shrubs and evergreen trees. Regular Monthly health camps are held.

The main objectives of Adoption of village from our college is

- To encourage the students to extend their humanitarian services to the society.
- To offer First Aid Training to all the YRC volunteers.
- To develop leadership quality among the students.
- The understanding and acceptance of civic responsibilities and acting accordingly with humanitarian concern, to fulfill the same.
- To inculcate in the Youth of our country.
- To understand and acceptance of civic and human responsibilities.

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TÜV AUSTRIA

Date:

18/07/2017

REPORT ON BEST LABORATORY PRACTICES

A Workshop for teaching staff was conducted by department of Computer Science and Engineering at Alan Turing laboratory. The session was started with welcome Address by Dr.G.Rajiv Suresh Kumar, the Head of the Department of Computer Science and Engineering. It was mainly conducted for teaching staffs of JCT College of Engineering and Technology. The topic was "Best Laboratory Practices". The resource person for the session was Prof.Prasanth S Nair, Associate Professor/CSE, Amrita University.

The session was given for motivation to achieve the quality of using laboratory practices. He explained the needs and importance of laboratory practices. The session was very useful and helpful for them. The scope and ideas of the quality are highlighted by the resource person.

He also highlighted the importance of laboratory practices through various visual demonstrations and practices with his high knowledge of experience. He also shared various ideas of using laboratory classes and experience in this field which was very encouraging for them. The session was concluded by vote of thanks from Mr.K.Jason, Assistant Professor of Computer Science and Engineering.

Topics Covered:

- Quality of management Control
- Organizations to ensure the uniformity, consistency, reliability, reproducibility, quality, and integrity of chemical non-clinical safety tests.

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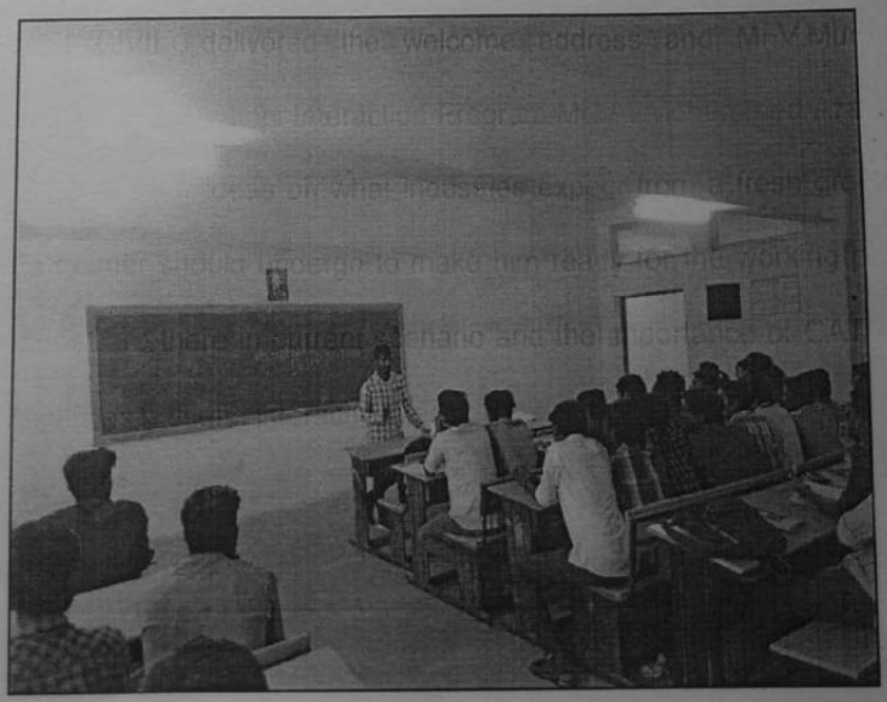
TÜV AUSTRIA

ALUMNI INTERACTION PROGRAM-CIVIL DEPARTMENT

The JCT COLLEGE OF ENGINEERIG AND TECHNOLOGY-ALUMNI ASSOCIATION organized an "Alumni Interaction Program "on 05.09.2018 for CIVIL Department students of Final Year of our College. Mr. A. Mohammed Azarudeen, Project Engineer, ABB Construction & Private LTD , Chennai hosted the Alumni Interaction Program.ABB Construction &Private LTD is a leading design company in chennai. Prof.A.Kumar (Head – Department of CIVIL) delivered the welcome address and Mr.V.Murugesh (Alumni Incharge) organized the Alumni Interaction Program.Mr. A. Mohammed Azarudeen, Alumni of JCT CET, shared her ideas on what industries expect from a fresh graduate, what are the training a fresher should undergo to make him ready for the working platform and the opportunities that are there in current scenario and the importance of GATE and TANCET examinations. It was a useful interactive session.



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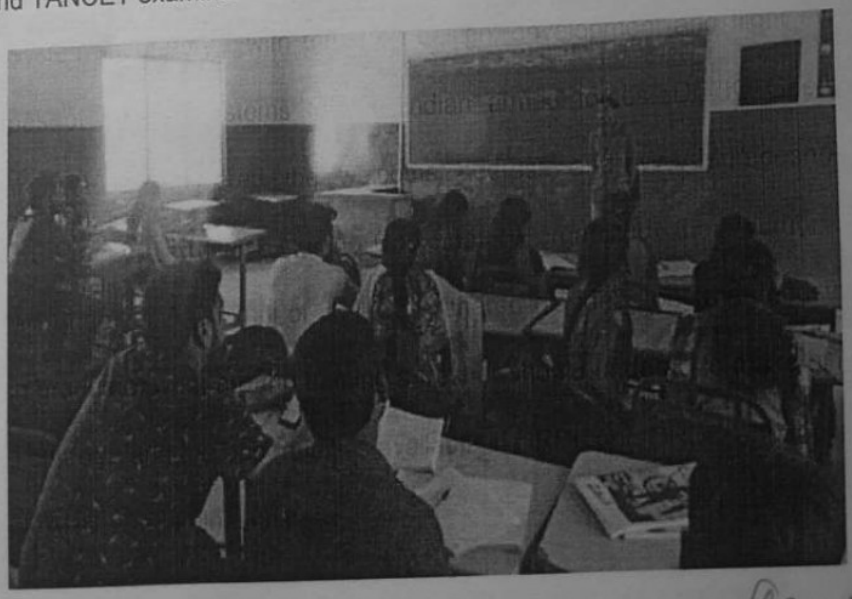
TÜV AUSTRIA

ALUMNI INTERACTION PROGRAM-EEE DEPARTMENT

The JCT COLLEGE OF ENGINEERIG AND TECHNOLOGYALUMNI ASSOCIATION organized an "Alumni Interaction Program" on 11.09.2018 for EEE Department students of Third Year of our Department. Mr. Shameer A, Project Engineer, DRDL, Hyderabad hosted the Alumni Interaction Program. Defence Research and Development Laboratory (DRDL) is a Missile System laboratory - with thrust on design, development and flight evaluation of various types of Missile Systems for the Indian armed forces. Dr. K. Geetha(Head – Department of EEE) delivered the welcome address and Mr.V.Murugesh(Alumni In-charge)&Mr.S.Pradeep Kumar (Alumni Coordinator) organized the Alumni Interaction Program. Mr. Shameer A, Alumni of JCT CET, shared his ideas on what industries expect from a fresh graduate, what are the training a fresher should undergo to make him ready for the working platform and the opportunities available in DRDL and DRDO and the importance of Gate and TANCET examinations.



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TÜV AUSTRIA

ALUMNI INTERACTION -CSE DEPARTMENT

The Department of Computer Science and Engineering organized an Alumni Interaction with Students of II year & III year CSE, on 18.09.2018 at 12:25pm. The alumni Ms.Shajitha Begam,B.E., senior software developer, Tech creations Pvt Ltd, Bangalore. The program started with the introduction about herself and about the software company. She gave brief idea about - "How to prepare well for university Examinations", which gave everyone a clear view to manage the time duration and presentation of Answer sheets. She then explained about the common questions arises during an Interview.

The atmosphere of the seminar was quite and free. We learned a lot from this session and were satisfied with the answers from the speaker. Mr.Rohith .S, II year student of Computer Science and Engineering gave feedback and concluded with a vote of thanks.The atmosphere of the seminar was quite and free. We learned a lot from this session and were satisfied with the answers from the speaker. Mr.Rohith .S, II year student of Computer Science and Engineering gave feedback and concluded with a vote of thanks.

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TÜV AUSTRIA

ALUMNI INTERACTION-ECE DEPARTMENT

The JCT college of Engineering and Technology Alumni association organized an "Alumni Interaction Program" on 21.09.2018 for ECE Department students.Mr. Yebin Francis (2010-14 batch), working as Senior associate in eNoha iSolution, Coimbatore hosted the program. eNoaha is a reputed global industry leader offering cutting edge IT solutions worldwide in Chennai. Mrs.Thahseen Thahir (Assistant professor/ECE department) delivered the welcome address and Dr. V.J Arulkarthick (HOD/ECE) organized the Alumni Interaction Program. Mr. Yebin Francis, Alumni of JCT CET, and the preparation about resume to the young budding engineers. It was a useful interactive session. Finally a small memento was handed over to him by Mrs.Vedha Vinodha.D (Assistant professor/ECE department) on behalf of management and the program came to an end with vote of thanks.

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ORGANISATION LIFE MEMBER

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FEB 2018

O.L.M. No. 12180

Given under the seal of the Institute
by resolution of the Governing Council

Secretary General

President

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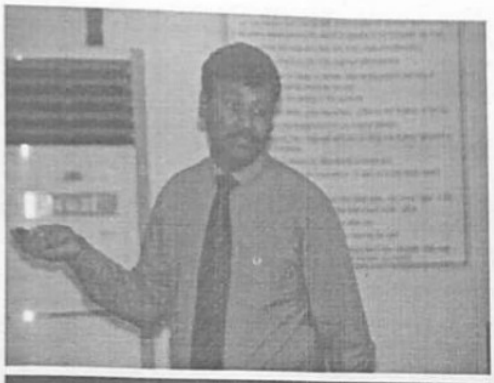
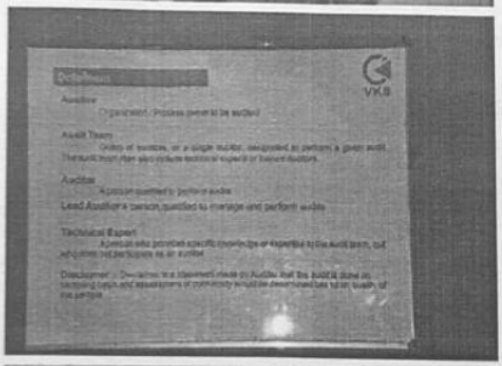
TÜV AUSTRIA

Report on "Lead Auditor Course"

A Work Shop on "Auditor Course" is organized by Internal Quality Assurance Cell-JCTCET on 23-03-18 and 24-03-2018. Mr.V.Karrupasamy- Lead Auditor & Audit Trainer, TUV- Austria, Conducted the training Programmer in ISO 9001:2015 Auditor Course. The Director, Principal, HoD's and Faculty members from all the departments where attended and Trained as a lead auditor.

http://jct.ac.in/engineering/?p=4466





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Institution Member

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TÜV AUSTRIA

Report on Grooming,CV Writing & Interview Skills
On
22.12.2017

A orientation **Programme on "Grooming,CV Writing & Interview Skills"** was organized by the JCT college of Engineering and Technology on 22.12.2017. The sessions were handled by Mr.Shagi Francis,HR manager,Aristats Software solutions,Trichy.He briefly trained the grooming CV writing and interview skills was indeed the need of the hour for the engineering students. It is a dream of every engineering students to get placed in a top organization.

The speaker briefed the students about the what exactly is the above topic and how students should go about it and how the recruiters analyze the students during the interview. He guided the students on essential aspects like CV format appropriate vocabulary, body language, confidence,communication skills and how students should put across that points with diplomacy as and when required.

The session was very useful for students and finally our Principal presents the vote of thanks to the eminent person.

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IAENG INTERNATIONAL ASSOCIATION OF ENGINEERS

Date: 9 August 2017

To Whom It May Concern:

Official Letter for the IAENG Membership

Member Name: KARTHIK KALIMUTHU

Member Number: 137554

IAENG is a non-profit international association for the engineers and the computer scientists. IAENG has been found by a group of engineers and computer scientists from over thirty different countries. Our goals are to promote the co-operation between the professionals in various fields of the engineering and to cultivate an environment for the advance and development of the technology. Our objectives include:

- Promoting the interactions between the engineers;
- Advancing the application of engineering techniques from the academics to the industry;
- Facilitating the exchange of information and ideas among the engineers and scientists freely.

This letter is to certify that the above person is an IAENG member. For the information about IAENG Membership, please visit our website http://www.iaeng.org/membership.html

If you have any question, you are very welcome to contact us at any time.

Best regards,

Joan Mok
Assistant Secretary
International Association of Engineers (IAENG)
http://www.iaeng.org
Email: member@iaeng.org

INTERNATIONAL ASSOCIATION OF ENGINEERS

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TÜV AUSTRIA

Day Orientation cum Workshop on "New and Emergent Pedagogies for 21st century Engineers"

Two days Workshop on" New and Emergent Pedagogies for 21st century Engineers" was organized by the JCT college of Engineering and Technology from 07.11.2017 to 08.11.2017.All the sessions were handled by eminent speakers Dr.N.Samidurai, Professor / EEE and Dr.S.Sudha, Professor / ECE from Akshaya college of Engineering and Technology, Coimbatore.The workshop received an overwhelming response with 35 participants from various departments like Cvil,CSE,ECE,EEE and Mechanical.

The Workshop aimed to provide opportunities to faculty members to enrich their teaching skill and research. The new century introduced significant changes in didactics and teaching methods. Pedagogy of the twentieth century differs from the pedagogy of the twenty-first century. Since the beginning of the twenty-first century, there have been many changes in the development of national and world education. The topics covered during the Programme are listed below:

- Introduction
- Massive open social learning
- Learning design informed by analytics
- Learning to learn
- Dynamic assessment
- Event-based learning
- Learning through storytelling
- Threshold concepts

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TÜV AUSTRIA

Two day faculty development programme on "Sensitization programs on improving Research Publications" was organized by the JCT college of Engineering and Technology from 7th November to 8th November 2017. All the sessions were handled by eminent speakers Mr.Palaniswamy, Assistant Professor/Production, SRM University & Mr.Gunasekar, Assistant Professor, Automobile Engineering, Fathima engineering college, Madurai.

The FDP programme received an overwhelming response with 50 participants from various departments like Civil, CSE, EEE, EEE, Mechanical, Petroleum & Petrochemical and principal, Director.

The FDP aimed to provide opportunities to faculty members to enrich their skill in improving research publications. The Programme was also planned to expose the important on improving Research Publications

- How to produce quality research publication?
- How to reflect the research carried out through the publication?
- What are the measures for research impact?
- What is the best way to disseminate research?
- How to structure the research publication?
- How to assess the reviewed publication?
- What is indexed research?
- How to integrate the research in the process of global review and indexing?
- How to increase the research publication quality and record high research productivity?
- How to improve English language presentation and proofread the language without language experts?
- How to find collaborators and form the collaborative network in research

The program will discuss the ways to optimize the research publication activities and the structure of research publications, review and indexing process, methods of generating good publications.

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TÜV AUSTRIA

REPORT ON TEACHER QUALITIES AND TEAM BUILDING

A faculty development program was organized for Mechanical and Automobile Engineering Department faculty members at Firebird Institute of Research and Management for two days from 08/09/2017 to 09/09/2017. In this two days program where covered various related topics. The major focus of this program is upgrading the quality of teaching training and adapting themselves in their profession.

Thiru .James Vineeth, the Resource person has delivered the lectures on Interpersonal Skills, Communication Skills and how to improve their personality. Before the session all the faculty members were introduced themselves and they explained about their vision and dreams etc. This 1st day forenoon sessions were fully utilized with discussions, video presentation, and the Group discussion were held among the faculty members. On the 2nd day, the Resource Person counsels and give training how to tackle the students.

The family members personal benefits and their future careers also were explained. The saving system, recurring deposit, insurance policy systems were explained. The dress code also instructed in the second day session. After the group discussion the faculty members were given their feedback. On behalf of staff members Dr. P. Pitchandi – HOD / MECHANICAL and Prof. J.Prabakar – HOD / AUTOMOBILE were given their feedback and acceptance address about the 2 days workshop. On behalf of JCT Group of Intuitions we assure our heart full gratitude to the Firebird Institution.

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TÜV AUSTRIA

Report On Attributes Of A Teacher

A special program was organized by JCT institutions on 19.06.2017 and 20.06.2017 at seminar hall on the topic of Attributes Of A Teacher.**Dr. Dunston P.Ambrose** is an Indian Entomology Educator, Researcher and conferred his recipient speaker award in XIX International Congress, Entomology at Beijing in the year 1992.In the year 1993, he was awarded Career Award by University Grants Commission,India.In 1997, he got•St.Xavier Research award. He addressed the Faculty members about the "Attributes of a Teacher" and teaching skills required for Teacher. The Faculty Orientation Program was preceded by our Principal Dr.G.Ramesh and Head of the various Departments.

http://jct.ac.in/engineering/?p=7807

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TÜV AUSTRIA

REPORT ON ULEKTZ AWARENESS PROGRAM

A special program was organized by JCT institutions on 02.06.2017 and 03.06.2017 at seminar hall. For this program Principal, HoDs from various departments and all faculty members are attended the program.

Ulektz is designed to be the operating system for higher education providing a social learning platform exclusively for higher education. It helps connect students, educators and all other stakeholders of higher education worldwide and provide them curated quality resources and services for enhancing education, skills and careers through its built-in Marketplace. It also helps colleges and universities to enable digital education by providing them their own branded mobile apps (cloud-based educational ERP) for learning and campus management. The benefits of the Ulektz are

- E-Library
- My books
- My videos
- Time table
- Attendance details
- Test Details
- Reports
- Online test

A live and effective interaction was there between faculties and guests. Finally our principal thanked the chief guests and all the faculties who were present for this awareness program.

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TÜV AUSTRIA

REPORT ON COMPLIANCE OF ACADEMIC PLAN AS On 04/10/2017 & 05/10/2017

Inter Department visit to access the compliance of academic plan conducted by JCT college of Engineering and technology from 4.10.2017 to 5.10.2017. The academic coordinators visit all the departments. First day visit all the departments, check the files and give some suggestions to academic plan. Second day conduct the meeting for all the departments HOD'S in the seminar hall. Dr. G. Ramesh Convey the suggestions and correction in the academic plan.

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

PITCHANUR,COIMBATORE

Report on Reformation on Regulation

During the commencement of the 2017 regulation a meeting was called for all the staffs and rules and regulation of the new regulation was discussed.After the 2013 regulation ,a new regulation will be brought in action. This new will bring its own new rules. In the upcoming regulation, in order to enter the Third year ,i.e. 5th semester a student will have to clear all the arrears of the 1st semester.

This new regulation will witness many such changes in the rules and ensure that the standards of our University will not only stay high but will rise higher.

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WELCOME INVITATION

NCSSS INSTITUTIONAL MEMBER

National Cyber Safety and Security Standards (NCSSS)

MEMBERSHIP

JCT College of Engineering and Technology Coimbatore,

NCSSSINST1756067

Pichanur Road, Off NH 47,

Pichanur Post, KG Chavadi,

Coimbatore, Tamil Nadu - 641105

PARTICIPATE • PERFORM • PROTECT

www.ncdrc.res.in

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राष्ट्रीय साइबर सुरक्षा और सुरक्षा मानकों

National Cyber Safety And Security Standards (NCSSS)

(A Self Governed Body)

L. No. 56(3)/2017-NCSSS/84GR...

09.08.2017

Dear Mr. Sivakumar K,

Subject: Institutional Membership at National Cyber Safety and Security Standards - Reg...

It is with great pleasure and appreciation that the National Cyber Safety and Security Standards welcomes **JCT College of Engineering and Technology, Coimbatore** as an **Institutional Member at National Cyber Safety and Security Standards.**

National Cyber Safety and Security Standards (NCSSS) has been started with a great vision to safeguard the Nation from the current threats in the cyber space. The multi-dimensional structure of technology in the cyber space poses a great challenge in handling the complex problems in the cyber domain.

National Cyber Safety and Security Standards is continuously implementing visionary initiatives to curb and enervate the notoriously spreading cyber threats from various directions and dimensions to protect our National Critical Infrastructure.

The mission of the NCSSS is to establish a multi-stakeholder consortium that brings together Corporates, State/Central Governments, Academics, Defence, MNCs, PSUs, Intelligence Agencies, Enforcement Agencies and etc., in an effort to improve the state of Cyber Security both at domestic and international level.

Hope your organization will find this Institutional Membership at NCSSS as a rewarding experience. National Cyber Safety and Security Standards wishes you all the best in your endeavours.

Yours faithfully,

PRINCIPAL
JCT College of Engineering & Technology
Pichanur, Coimbatore - 641105

Dr. S. Amar Prasad Reddy
Director - General, NCSSS

NATIONAL CYBER SAFETY AND SECURITY STANDARDS
No. 69, Regal Building, Connaught Place, New Delhi - 110001.
Tel: 011- 30010144 **Fax:** +91 - 8468865111
E-Mail: membership@ncdrc.res.in **Web:** www.ncdrc.res.in

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PITCHANUR,COIMBATORE

TÜV AUSTRIA

Report

Principle advised and motivated staff to circulate the sample question papers with answers of last 5years. Sample question papers of all subjects for Anna University are published as per the pattern. With the help of these question papers, students can anticipate the structure of questions papers they will get in semester exams. Students get the major benefit as they will have enough time to analyse and practice the questions before exams.

Students read and analyse these preparation resources to make the most use of time available before final exams and create a foolproof plan to perform outstandingly in the exams.

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TÜV AUSTRIA

Specification of learning outcomes for all the courses

Three days Workshop on" Specification of learning outcomes for all the courses" was organized by the JCT college of Engineering and Technology from 05.04.2017 to 07.04.2017.All the sessions were handled by eminent speakers Dr.P.Vijakumar,Professor/EEE,Dr.K.Nithiyanantham,Professor/EEE and Dr.P.Karthigai kumar, Professor / ECE from Karpagam college of Engineering, Coimbatore.The workshop received an overwhelming response with 47 participants from various departments like Cvil,CSE,ECE,EEE and Mechanical.

The Workshop aimed to provide opportunities to faculty members to enrich their teaching skill and research. Learning outcomes represent one of the essential building blocks for transparent higher education systems and qualifications. Learning outcomes are not just an isolated tool at the level of curriculum design but also represent an approach that plays a significant role in a much wider context that includes the integration of academic and vocational education and training (VET), the assessment of prior experiential learning (APEL), the development of lifelong learning qualifications frameworks, the development of credit transfer and accumulation systems.

The topics covered during the Programme are listed below:

- Introduction
- What are learning outcomes – their definition, nature and potential learning design informed by analytics
- The relationship between learning outcomes and competences dynamic assessment
- Positive and negative aspects of learning outcomes learning through storytelling
- Alternatives to the use of learning outcomes
- Learning outcomes and educational reform – pedagogy, assessment and
- Quality assurance

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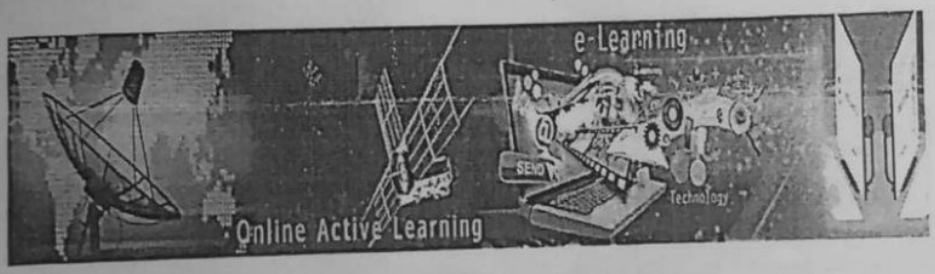
IIRS – INDIAN INSTITUTE OF REMOTE SENSING

(Online Outreach Programme)



Indian Institute of Remote Sensing
Indian Space Research Organisation,
Dept.of Space,Govt.of.India,
4- Kalidas Road, Post Box No.135,
Dehradun – 248 001, Uttarakhand (India)

+91 – (0) 135 – 2524355
+91 – (0) 135 – 2524130

elearning@iirs.gov.in
dlp@iirs.gov.in

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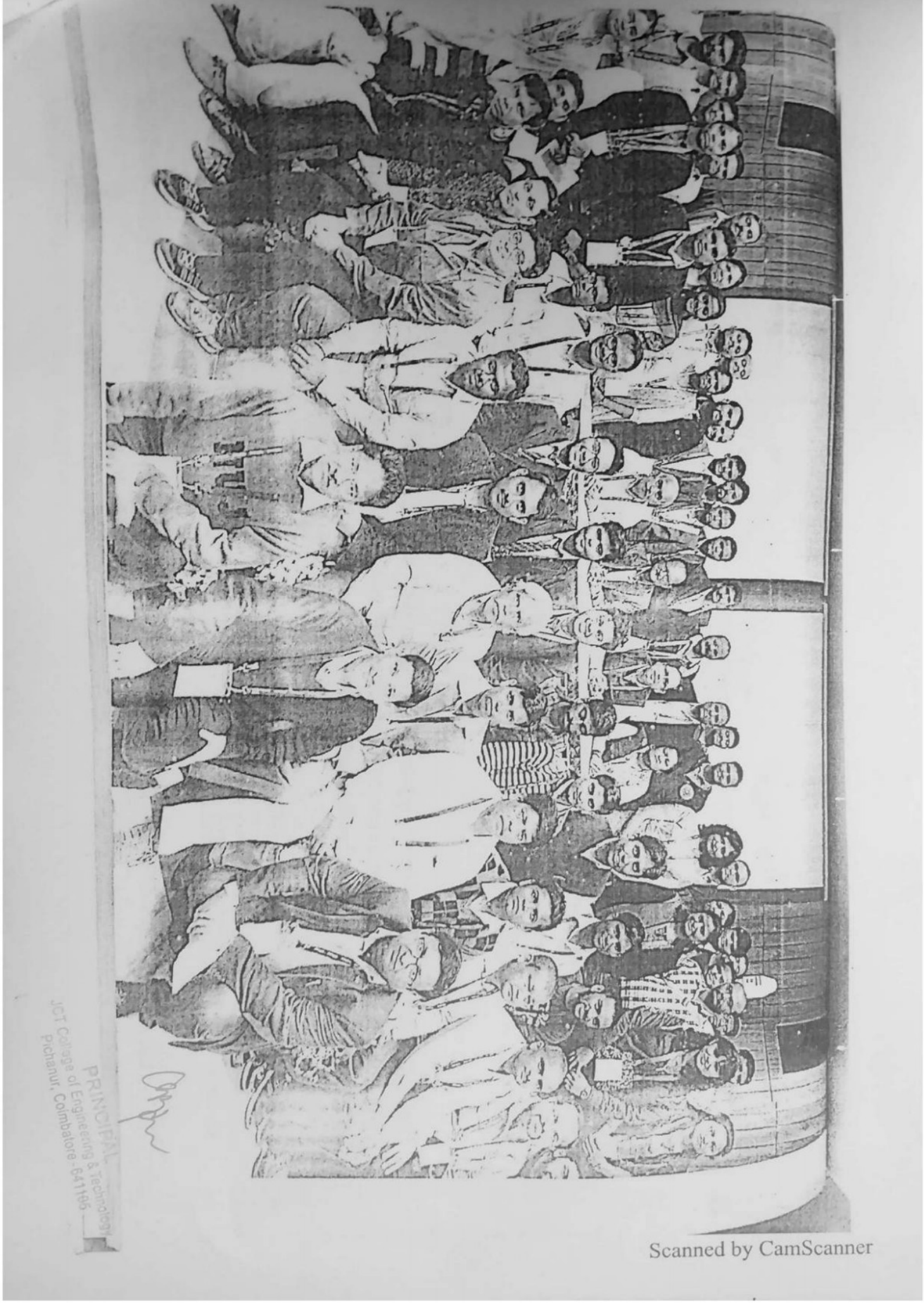

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भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA

इसरो ISRO

नामांकन सं0/ Enrollment No.: EDU182016117507

बहिःपरिसर संपर्क/विस्तार कार्यक्रम प्रमाण पत्र
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME
राष्ट्रीय प्राकृतिक संसाधन प्रबंधन प्रणाली (एन एन आर एम एस) द्वारा प्रायोजित
SPONSORED BY NATIONAL NATURAL RESOURCES MANAGEMENT SYSTEM (NNRMS)

यह प्रमाणित किया जाता है कि जगन्नाथ चेरिटेबल ट्रस्ट कॉलेज ऑफ इंजीनियरिंग एंड टेक्नोलोजी, पिचनुर, कोयम्बटूर, तमिलनाडु को यह प्रमाणपत्र "सुदूर संवेदन, भौगोलिक सूचना प्रणाली तथा वैश्विक नेविगेशन उपग्रह प्रणाली" पर आधारित ऑनलाइन पाठ्यक्रम पूरित करने पर प्रदान किया गया है। उक्त पाठ्यक्रम इस संस्थान द्वारा 22 अगस्त, 2016 से 18 नवंबर, 2016 तक संचालित किया गया।

This is to certify that from **Jaganath Charitable Trust College of Engineering and Technology, Pichnur, Coimbatore, Tamil Nadu** has been awarded this certificate for having completed the course on **"Basics of Remote Sensing, Geographical Information System & Global Navigation Satellite System"** conducted by this institute during August 22, 2016 to November 18, 2016.

दिनांक/ Date 09-01-2017
देहरादून/ Dehradun

समन्वयक,
विश्वविद्यालय/ संस्थान
Coordinator
University/ Institution

प्रमुख,
जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Geoweb Services, IT & Distance Learning Department, IIRS

एस. के. श्रीवास्तव
समूह प्रमुख,
सुदूर संवेदन एवं भू-सूचना समूह
Group Head, Remote Sensing & Geoinformatics Group, IIRS

आ सेंथिल कुमार
निदेशक,
आई आई आर एस
Director, IIRS

UID- [illegible]

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TÜV AUSTRIA

Report on "One day training Session on Blooms Taxonomy and OBLT"
On
07th September 2016.

REPORT

One day training session Programme on "Blooms Taxonomy and OBLT" was organized by the JCT college of Engineering and Technology on 07th September 2016. All the sessions were handled by eminent speakers Mr.Saravanan from Aasaan educare,Chennai. The training programme received an overwhelming response with 126 participants from various departments like Auto, Civil, CSE, ECE, EEE, Petrochemical, Petroleum, Food Technology, Mechanical, Science& humanities and Principal.

The training programme aimed to provide opportunities to faculty members to enrich the context of education because it tells teachers a great deal about the order in which they must teach so that they can get their students to succeed in higher level thinking and in the development of quality delivery and assessment mechanisms conducive to the enhancement of the teaching – learning process.

The eminent speaker explained the different levels of Blooms **Taxonomy** (1) knowledge, (2) comprehension, (3) application (4) analysis, (5) synthesis, and (6) evaluation.

The training programme was concluded with the valedictory function. Principal presents the vote of thanks to the eminent person.

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PITCHANUR,COIMBATORE

TÜV AUSTRIA

Report on NPTEL & SWAYAM Implementation

NPTEL & SWAYAM Awareness Program organized by JCT College of Engineering and Technology on 8th August 2016 for the benefit of our faculty members and students.

NPTEL & SWAYAM Awareness program was conducted for the faculty members of JCT Institutions on 08th August 2016.Mr.Sivakumar.C from CSE department explained the benefits of NPTEL & SWAYAM.NPTEL is the initiative taken by seven IITs and one IISc and funded by Ministry of Human Resources Development (MHRD) Government of INDIA. These Courses are available online and anyone can access the course at any time at his or her convenience. All the course available are taught by Professors from IIT's and IISc's.

He covered the topics like What is NPTEL? To whom it is for? Why NPTEL? and how to register for NPTEL Online Certification Course. It helped the students to know the resources available around us with minimal fees to update their knowledge. All the students participated enthusiastically in the discussion on queries.

This is done through a platform that facilitates hosting of all the courses, taught in classrooms from Class 9 till post-graduation to be accessed by anyone, anywhere at any time. All the courses are interactive, prepared by the best teachers in the country and are available, free of cost to any learner. More than 1,000 specially chosen faculty and teachers from across the country have participated in preparing these courses.

The courses hosted on SWAYAM are in 4 quadrants – (1) video lecture, (2) specially prepared reading material that can be downloaded/printed (3) self-assessment tests through tests and quizzes and (4) an online discussion forum for clearing the doubts. Steps have been taken to enrich the learning experience by using audio-video and multi-media and state of the art pedagogy / technology.

In order to ensure that best quality content is produced and delivered, nine National Coordinators have been appointed. They are:

1. AICTE (All India Council for Technical Education) for self-paced and international courses

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2. NPTEL (National Programme on Technology Enhanced Learning) for Engineering
3. UGC (University Grants Commission) for non technical post-graduation education
4. CEC (Consortium for Educational Communication) for under-graduate education
5. NCERT (National Council of Educational Research and Training) for school education
6. NIOS (National Institute of Open Schooling) for school education
7. IGNOU (Indira Gandhi National Open University) for out-of-school students
8. IIMB (Indian Institute of Management, Bangalore) for management studies
9. NITTTR (National Institute of Technical Teachers Training and Research) for Teacher Training programme

Courses delivered through SWAYAM are available free of cost to the learners, however learners wanting a SWAYAM certificate should register for the final proctored exams that come at a fee and attend in-person at designated centres on specified dates. Eligibility for the certificate will be announced on the course page and learners will get certificates only if this criteria is matched. Universities/colleges approving credit transfer for these courses can use the marks/certificate obtained in these courses for the same.

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Computer Society of India™

is pleased to certify that

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Tamil Nadu

is an

Educational Institution Member

(Membership Number M10178)

of

Computer Society of India

(Validity of this certificate is subject to renewal of CSI membership and other norms of the Society)
Valid till 31st December 2018

Chennai
1st January 2016

Hon. Secretary

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Report on "A One day training Programme on Analysis of Journal Publications for gauging Quality" on 28.05.2017.

REPORT

One day training Programme on **Analysis of Journal Publications for gauging Quality** was organized by the JCT college of Engineering and Technology on 28th MAY 2017. All the sessions were handled by eminent speaker Prof.Smiles Mascarenus, Dean, CIET, Coimbatore. The training programme received an overwhelming response with staff members from various departments like Auto, Civil, CSE, ECE, EEE, Petrochemical, Petroleum, Food Technology, Mechanical, Science& Humanities and Principal.

The training programme aimed to provide opportunities to staff members about **"Analysis of Journal Publications for gauging Quality".** The eminent speaker explained the benefits of Journal Publications for gauging Quality in the following topics.

- **Why is good quality important?**
- **Where is the article published?**
- **Who is the author?**
- **What do other researchers say about the paper?**
- **Determine the quality**

The training programme was concluded with the valedictory function. Principal presents the vote of thanks to the eminent person on behalf of JCT Management.

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TÜV AUSTRIA

Report on Implemented policy for faculties to enroll for PhD

One day faculty development programme on "Implemented policy for faculties to enroll for PhD" was organized by the JCT college of Engineering and Technology on 16th February 2017. All the sessions were handled by eminent speakers Mr.M.Madhusuthanan, Assistant Professor, Mechanical Engineering, Nehru Institute of Engineering and Technology, Coimbatore.

The FDP programme received an overwhelming response with 54 participants from various departments like Civil, CSE, EEE, EEE, Mechanical, Petroleum & Petrochemical and principal, Director.

The FDP aimed to provide opportunities to faculty members to enrich their skill in enrolling for PhD. He speak about the important registration for PhD

- PhD degree has been made mandatory for direct recruitment to the post of assistant professors in universities from 2021-22

The program will discuss the ways to importance of registering PhD in teaching field.

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TÜV AUSTRIA

A Seminar on "How to Select Project Topic"

JCT college of Engineering and Technology organized a Seminar on "How to Select Project Topic" on 14th July2016. Our Principal Dr.G.Ramesh presided over the function and he gave a seminar for all department final year students on, how to select project topic and what are the importance of selecting correct project topic.

In that seminar, Principal mentioned that choosing a correct topic gives advantage in placement and it decides student's career. The students are asked to go through recent year IEEE papers to know current trends and are advised to choose topics based on the recent trends. Finally principal advised project co-ordinators and guides to guide the students to choose a project topic.

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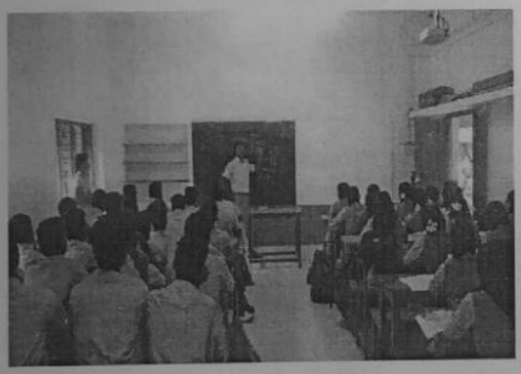
PITCHANUR,COIMBATORE

TÜV AUSTRIA

Report on Motivational Class

JCT college of Engineering and Technology and St.Francis Xavier higher seconadary school jointly conducted a Motivation Program on behalf of Engineering gateway. The Program was conducted in Parisakkal by Mr.Renswick.S AP/ECE and Mr.Gokul of JCT College of Engineering and Technology gave a special speech about Career Guidance,higher studies & Character building. Around more than 100 students were participated and Overall the program helped the students to have a better understanding of the opportunities.



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TÜV AUSTRIA

REPORT ON ERP IMPLEMENTATION PROGRAM

A special program was organized by JCT institutions on 20.06.2015 at CSE lab-II.For this program Principal,HoDs from various departments and ERP coordinators from various departments are attended the program.

Mr.Deepan Chakkaravarthi ERP college coordinator welcome the guests and introduce the staff from Dolphin software solutions Mr.Selvaraj and Sathyamoorthy.

They gave a brief introduction about the software and educated how can enter student attendance, marks, notes of lesson and notes uploading and how can get the details in the report format also for further use.

A live and effective interaction was there between faculties and guests. Finally our principal thanked the chief guests and all the faculties who were present for this implementation program.

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REPORT ON ERP AWARENESS PROGRAM

An special awareness program was organized by Impres ERP software solution along with JCT institutions on 04.06.2015 and 05.06.2015 at Seminar hall.

In this programe chief guest was Mr.Selvaraj from Impres ERP software solution . He explained about the software and its advantages .This program was mainly arranged to create an awareness on ERP and how to use this software.

A live and effective interaction was done between the faculties and Guest.Finally our principal thanked the chief guest and our management for providing this Impres ERP software solution for our JCT college.

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PITCHANUR,COIMBATORE.

TÜV AUSTRIA

Report on Placement training for First years

Principal take the class about training and placement of 1st year and tell all benefits about placement and how to improve the knowledge about aptitude and group discussion. And suggested about all type of training classes and where it all conducted. Then he tells about the value of aptitude

Final year and facing the different types of interviews. The major objective of campus placement used to identify talented and qualified professionals before they complete their education provide employment opportunities to students who are passing on their final stage of completing the coursethe campus placement talk campus interview is the program conducted within educational institutes are in common place to provide jobs to students pursuing are in stage of completing the program industries visit college to select students depending on the ability to work capability for work ,focus and aim.

The interest due to various factors projects assignments or more of activities loaded by the colleges first part of their circle thinking that it is not useful it is the responsibility of the companies trying on placement to make the student certified on all aspects of career development along with creating a very good impact and then which makes them feel every minute the spending the placement training section is for being there are they will help them getting placed in their dream companies dream

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TÜV AUSTRIA

Report on NBA Accreditation process

Awareness About NBA Accreditation Process organized by JCT College of Engineering and Technology on 5th and 6th April 2016 by Mr.Mahadevan, Aassan educare, Chennai. He briefly explained about the NBA and accreditation process.

NBA became Autonomous in January 2010 and in April 2013 the Memorandum of Association and Rules of NBA were amended to make it completely independent of AICTE, administratively as well as financially. NBA now independent in its functioning: decision making as well as financially.

Does not receive any grant either from the government or from any regulatory body of technical and higher education. Accreditation is a process of quality assurance and improvement, whereby a programme in an approved Institution is critically appraised to verify that the Institution or the programme continues to meet and/or exceed the Norms and Standards prescribed by regulator from time to time. It is a kind of recognition which indicates that a programme or Institution fulfills certain standards.

GENERAL POLICY ON ACCREDITATION the following general policies are the guiding principles for the accreditation of programs:

1. Programs, and not Educational Institutions, are considered for accreditation.

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2. Programs to be accredited should be offered by an educational Institution which has been formally approved as an educational Institution by the concerned regulatory authority.

3. Programs from which at least two batches of students have graduated will be considered for accreditation.

4. Programs are considered for assessment and accreditation only at the written request of the educational institution and after agreeing to abide by the NBA's accreditation manual, rules, regulations and notification issued from time to time

BENEFITS OF ACCREDITATION

Demonstrates accountability to the public.

Demonstrates the commitment to excellence.

Strengthens consumer confidence.

Facilitates continuous Quality Improvement.

Improves staff morale.

Recognizes the achievements/innovations.

Facilitates information sharing

Priority in getting financial assistance

Finally Dr.G.Ramesh (Principal) thanked the resource person and the faculty member participants.

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JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

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Report on NIRF

The National Institutional Ranking Framework (NIRF) is a methodology adopted by the Ministry of Human Resource Development (MHRD), Government of India, to rank institutions of higher education in India. NIRF was approved by the MHRD and launched by Honorable Minister of Human Resource Development on 29th September 2015. NIRF outlines a methodology to rank institutions across the country. The ranking is based on the overall recommendations broad understanding arrived at by a Core Committee set up by MHRD, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover "Teaching, Learning and Resources," "Research and Professional Practices," "Graduation Outcomes," "Outreach and Inclusivity," and "Perception".

Teaching, Learning & Resources:

The Committee lays emphasis on measuring numbers and quality of faculty, library and lab resources and general facilities for development of young persons.

These are organized into the following sub-parameters:

- Faculty-Student Ratio with Emphasis on Permanent Faculty (FSR).
- Combined Metric for Faculty with Ph.D and Experience (FQE).
- Metric for Library and Laboratory Facilities (LL).
- Metric for Sports and Extra-Curricular Facilities, Activities(SEC).

Research, Professional Practice:

The faculty members are expected to make their knowledge and expertise available to benefit the society and industry. This parameter,

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therefore, attempt to measure the quantity and quality of research output as seen through international data bases, IPR generation and interface with industry and fellow professionals.

Graduation Outcomes:

This parameter forms the ultimate test of the effectiveness of the core teaching/learning activity, and measures the student graduation rate and their success in finding appropriate placement in industry and Government or taking up higher studies.

Outreach:

The Ranking framework lays special emphasis on representation of women and socially challenged persons in student and/or faculty populations, and also on outreach activities of the institution.

Perception:

The ranking methodology gives a significant importance to the perception of the institution by its stakeholders. This will be accomplished through Stakeholder Surveys.

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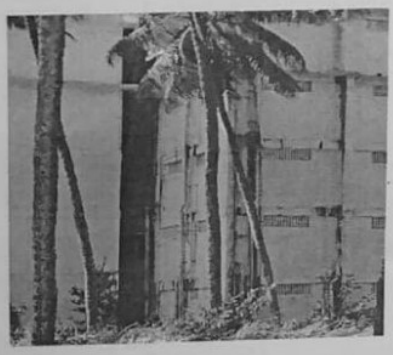
Rain Water Harvesting System



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FOUNDED 1968

Devoted to promotion of quality and standards in technical education

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By this Certificate warrants that

JCT COLLEGE OF ENGINEERING & TECHNOLOGY

COIMBATORE

was duly admitted by the Executive Council as

INSTITUTIONAL MEMBER

of the Society and is fully entitled to all the privileges granted by the constitution and bye-laws

2015

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EXECUTIVE SECRETARY

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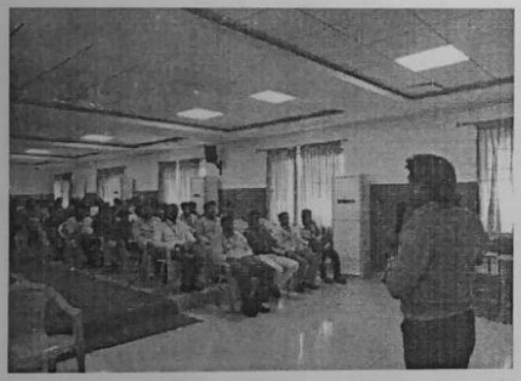
Report on NAAC Orientation Program

Our college organized an awareness program on NAAC on 14.10.2014 and 15.10.2014. The resource person for the program was Mr.Sivakumar and Mr.Prabhu Vengateswaran.The program started with the prayer song.The welcome address was given by Mr.A.Kumar head of department,Civil.The felicitation address was given by Dr.G.Ramesh,Principal of JCT college of engineering and technology.

The chief guest gave an introduction about NAAC,its importance,value after NAAC accredited for the college ,benefits of NAAC accredition etc. He went through each concept in depth.The NAAC functions through its general council and executive committeecomprising educational administrators,policy makers and senior academicians from a cross section of Indian education system.

Finally Mr.Jethose head of Electrical and Electronics department concluded with vote of thanks.



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Report on "ISO orientation Program"

A Work Shop on "**ISO orientation Program**" is organized by JCTCET 24-03-2015 and 25-03-2015. Mr.V.Karrupasamy- Lead Auditor & Audit Trainer, TUV- Austria, Conducted the training Programmer in ISO 9001:2009 Auditor Course. The Principal, HoD's and Faculty members from all the departments where attended and Trained as a lead auditor.

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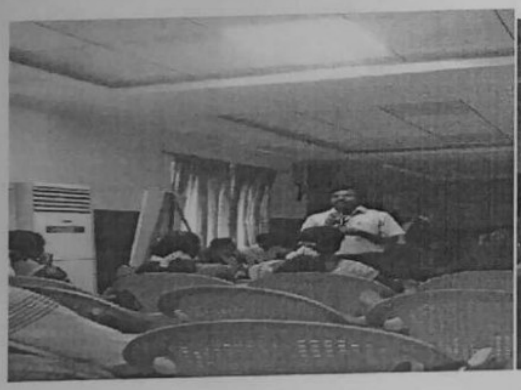
Report on outcome based education

Our college has organized an orientation program about how to prepare course file on basis of outcome based education on 10.06.2014 and 11.06.2014. The resource person for this program was **Dr.Mahadevan,** from Aassaan educare,Chennai. The program started with the prayer song. The welcome address was given by Mr.Jethose, Head of the Department of Electrical and Electronics Engineering. The Felicitation address was given by Dr.G Ramesh, Principal of JCT College of Engineering and Technology, Coimbatore. He has first given an introduction about outcome based education by illustrating a power point presentation.

Program was handled for 4 sections on Course Plan, Mappings, Assessments and Attainments, Course Documents, course file format. Each of these sections was handled in detail with the power point presentations. Each of these sections were explained in depth. Course Objectives with COs-POs & PSOs mapping and Lecture plan – weekly basis – Assessments, Tutorials etc. The atmosphere of the orientation [program was quite free. We learned a lot from the Program and were satisfied with the answers from the intern. The program ended up with vote of thanks by Dr.A.Perumal,Head of the department Petrochemical engineering.



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Report on Value Added Course

Value Added Courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of students. They help a particular individual to develop their own skills in their chosen field of the study. They are mostly independent to each type of the fields.

The main objective of the Value Added Courses are :

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students of MCET.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity to students to develop inter-disciplinary skills.

No university curriculum can adequately cover all areas of importance or relevance. It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes. Our college offers a wide variety of short term certificate courses which are conducted after class hours or during semester breaks. These courses are conducted by professionals and industry experts and help students stand apart from the rest in the job market by adding further value to their resume.

Value Added Courses offered to our students:

- ✓ PLC
- ✓ DSP Using VLSI
- ✓ Embedded system design and Arduino microcontroller
- ✓ Multiple access with TDM
- ✓ Xilinx
- ✓ ATMEL
- ✓ T-Spice
- ✓ P-spice design
- ✓ Low power VLSI with lifting algorithm
- ✓ Ansys - analysis software
- ✓ AutoCAD
- ✓ CATIA - part modelling in R&D as well process planning

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Report on Students were encouraged to participate in more National level competitions

A quality improvement program for students is organized by JCT college of engineering and technology on 22.01.2015 and 23.01.2015. The resource person for this program was Mr.Arumugam.K,Assistant from NSS Engineering College Palakkad. He explained about the benefits of the competitions

National level Competitions, Technical quiz, Workshops, Symposium play a role in motivating students to perform and excel and offer a lot more reward than just the winning prize. Competitions offer a chance for participants to gain substantial experience, showcase skills, analyze and evaluate outcomes and uncover personal aptitude. It also encourage students to adopt innovative techniques and develop their ideas and skills.

Achievements through competitions can leave great imprints on your resume. They provide proof of your outstanding skills and distinguish you from your classmates. They will put you at an advantage when applying for higher studies or competing in the job market. The experienced panel of jury can provide a critical analysis and feedback of your performance. In this way, competitions can prove to be a great source of self-evaluation for students and help nurture their experience and skills further.

In a workshop, as you listen to other people's ideas, you may find inspiration that can help you in the workplace. You may come up with a new way to handle things or a new ideas that you never considered before. Networking and listening to others share their ideas may be the ticket to get your wheels spinning. You could end up coming away with your next big idea that you can incorporate into your business. The workshop helps you to know about your field of interest. It gives you the right direction which your four-year course never provides you with. As you all know the books which are being used in the daily curriculum have limited knowledge. Workshops link you to new technology which helps you generate new ideas and it becomes your passion in a few days when you get fully involved in it.

Technology is moving at breakneck speed and today's software options are tomorrow's obsolete programs. Thankfully, interacting with peers, finding a mentor, and consistently learning new skills will mean you do not have to worry about becoming irrelevant or antiquated. Finally our principal concluded with vote of thanks.

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Report on "A One day Programme on Stress Management for Administrative and Supporting Staff" on 24.12.2014.

REPORT

One day Programme on **Stress Management for Administrative and Supporting Staff** was organized by the JCT college of Engineering and Technology on 24th December 2014. All the sessions were handled by eminent speaker Mr.Sankar from PRICOL, Coimbatore. The training programme received an overwhelming response with **Administrative and Supporting Staff** and Principal.

The training programme aimed to provide opportunities to staff members about **"what stress management is" and "how to handle workplace stress".** The eminent speaker explained the benefits of stress management in the following topics.

- **Enables you to lead people in tough times**
- **Reduces chances of workplace conflicts**
- **Decreases chances of unethical issues**
- **Increases the chances of meeting deadlines**
- **Improves communication process**
- **Enables you to develop team**
- **Enables you to provide space to employees**

The training programme was concluded with the valedictory function. AO presents the vote of thanks to the eminent person on behalf of JCT Management.

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