



JCT POLYTECHNIC COLLEGE

(APPROVED BY AICET & DOTE)

NEWSLETTER_{2K'19-20}

DEPARTMENT OF MECHANICAL ENGINEERING



VOL-1

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ABOUT THE DEPARTMENT

The department of Mechanical engineering is started in the year 2014-2015. It has been started with the objective to create outstanding diploma engineers, with advanced teaching and learning aids for the students. The department has well qualified faculty members and excellent laboratory facilities. The diploma program imparts students to master over the field of Mechanical engineering besides knowledge of recent trends and development to shine as a successful engineer. Student gain practical experience from field visit to Automobile industries, Production industries, Designcenter, Automechation industries and Manufacturing etc.

VISION	
<ul style="list-style-type: none">➤ To impart value based, quality technical education with multidisciplinary skills in mechanical Engineering enabling young generation to face the challenges of modern world.	
MISSION	
<ul style="list-style-type: none">➤ To provide value based technical education and mould the character of young generation.➤ Discharging Hands-on training to students for continuous improvement in knowledge and skills with good sound practical exposure and hence, satisfying the stake-holders in terms of quality manpower for industries and good placement for students.➤ Providing professional ethics, leadership qualities, self-confidence, decision making capabilities, good communication skills and empowerment to students to face the challenges in the industries and world.	
PROGRAM EDUCATIONAL OBJECTIVES	
Diploma holders from mechanical engineering program shall	
<ul style="list-style-type: none">➤ PEO1: Have strong knowledge in core and allied engineering of mechanical engineering.➤ PEO2: Have successful careers or pursue higher education or become entrepreneurs.➤ PEO3: Exhibit managerial skills with ethical values ,team spirit and leadership skills.	
PROGRAM SPECIFIC OUTCOMES(PSOs)	
PSO1	<ul style="list-style-type: none">• Students shall have domain knowledge manufacturing, thermal, fluid sciences to solve engineering and societal problems.
PSO2	<ul style="list-style-type: none">• Students shall use the modern tools and latest software to design and develop solutions to solve societal problems.

FROM THE HOD'S DESK



Department of mechanical Engineering at JCTPTC is the heart of all engineering branches. The Department was established in the year 2014. There has been consistent development in all spheres including infrastructure, staff and student strength. The significant infrastructural design, well-equipped laboratories and hi-tech computers with high-speed internet facility with all qualified staff members ensure world-class standard of education delivered from our department.






To produce graduates capable of effectively using the technical knowledge with values for the betterment of society and to meet the dynamic demands of industry and research environment is the aim of our department. Offering Diploma programmers by providing effective well-balanced curriculum to equip themselves to gear up to the challenges a waiting. Providing the technical, research and intellectual resources that will enable the students to have a successful career in the field of mechanical engineering.








Diploma Graduates will be successful in professional career by acquiring the knowledge in the fundamentals of mechanical Engineering principles and professional skills. The students are encouraged to engage in life-long learning and professional development by pursuing higher studies and participating in professional organizations.

“Engineering is not only study of 45 subjects but it is moral studies of intellectual life”

- Prakhar Srivastav

STAFF'S DETAILS

SL.NO	NAME OF THE STAFF	DESIGNATION	PHOTO	QUALIFICATION
1	MR.B.SARGURU	HOD		M.E
2	MR. J.JAYAKUMAR	LECTURER		M.E
3	MR.N.GANESH	LECTURER		M.E
4	MR.S.JUDE ARUL KUMAR	LECTURER		B.E
5	MR.M.MANOJKUMAR	LECTURER		B.E

6	MR.C.IVAN SIMON	LECTURER		M.E
7	MR.M.SHANMUGAKUMAR	LECTURER		M.E
8	MR.C.RAJASEKAR	LECTURER		M.E
9	C STEPHEN EINSTEN	LECTURER		M.E
10	TAMIL THASAN	LECTURER		B.E
11	JOSEPH ANTONY	LECTURER		B.E
12	SAJITHGOPI K V	LECTURER		B.Tech

IN-HOUSE EVENTS ORGANIZED

ASSOCIATION INAUGURAL

INAUGURATION OF RED RIBBON CLUB





JCT College Polytechnic college organized Red Ribbon club programme on 09th February 2019 for the mechanical students. It was held at the polytechnic college seminar Hall from 10:30 a.m. to 1:00 p.m. Chief Guest Mr. RVM Kumanan MSW., BL., Mr. Somesh, Coimbatore Network of positive People, Mr. Chithra, Programme Manager, Imayam NGO Dr.R. Manoharan, Principal, JCTPT were on the stage.

The function started with the traditional Tamilthaivazhththu. Principal of the college Dr.R. Manoharan welcomed the gathering. Chief Guest Mr. RVM Kumanan MSW., BL., delivered the special address and attended by over 280 students. He spoke on HIV/AIDS prevention, care, support and treatment carried out at the various prevention centers in Coimbatore and Tamil Nadu and . The session was followed with queries answered by the Resource personnel. The programme was concluded with a call for membership of students and end with singing of the National Anthem.

IGNITE 2K19-THREE DAYS INTER-STATE LEVEL SCIENCE EXHIBITION ORGANIZED BY JCT POLYTECHNIC COLLEGE FROM 3RD TO 5TH JANUARY 2019







An interstate level science expo “IGNITE-2K19” for school students was conducted on 3RD, 4TH, 5TH on Jan 2019 for school students at JCT polytechnic college. The students of the JCT polytechnic college and other schools exhibited their talents by fabricating and demonstrating their

projects. The expo brought together students from various schools across the city and enabling them to share their knowledge in the emerging trends.

On day one 250 students from nearby schools visited the expo and interacted with our students. Officially the event “IGNITE-2K19” was inaugurated on 4TH January. During the inaugural ceremony B.SARGURU-HOD-Mech welcomed the gathering; Followed by lightening the kuthuvilakku by people in dias, then the Chief Guest was honored with a shawl and memento by the principal.

Mr.N.SatishBabu-vice principal presided over the function and in his speech he explained about the importance of science in daily life and social responsibilities of students in society.Dr.R.Manoharan – Principal, addressed gathering in his speech he insisted the students to actively involve themselves in such activities to gain and develop their knowledge.

Then the chief guest Mr.GregorJoseph-Managing Director Premier Automation delivered the inaugural address. He explained the importance and benefits of involving in various activities and motivated the students by his speech.Mr . A.Sakthivel-HoD –EEE delivered the vote of thanks. After refreshment the students from various schools viewed the displayed projects and showcased their projects one by one.

The various projects of students from different department gave them new ideas, and were enthusiastic to know more about each display.Students of Jct polytechnic college created some innovative and interesting projects like,

Department of Basic Engineering

- Artificial Volcanoes
- Probability projects from Maths
- Drousey driver alert system
- Water Polluted Effluent etc...

Department of Electrical Engineering

- Bluetooth controlled Robotic car
- Obstacle Detector
- Smart Energy Saving System etc...

Department of Petro chemical Engineering

- Composition process
- Sugar and caustic soda etc.... Combustion Process

Department of Mechanical Engineering

- Automatic Gear Box
- Vehical for differently disabled etc.....

Department of Civil Engineering

- Bio Gas plant
- Framed Structures etc....

On day three the students from Kerala 223 students visited the expo. The best projects were awarded. The general feedback obtained from the students and participants about the expo.The Expo ended up successfully by active participation and involvement of 923 students from various schools in Tamilnadu& Kerala.

Inplant Training

Date	Student Name	Industry name	Domain area of training	Duration of training	Planned or unplanned activity	No of beneficiary (students)
6/1/19	Abishake Anoop.k	ROYAL ENFIELD ,Kerala	Thermal and Automobile engineering	10 days	Unplanned	2
3/1/19	Suriyaprabu Sreejith.k Pradeep kumar	SIMCO INDUSTRIES	Lathe working and applications	15 days	Unplanned	3

STUDENT'S

NAME	EVENT	COLLEGE	PRIZE/CERTIFICATE
CAY-(18-19)			
AKSHAY J P	ADVANCED COMPUTER AIDED	RAMAKRISHNA MISSION VIDHYALAYA	IInd Prize

	MANUFACTURING	POLYTECHNIC COLLEGE	
ABHISHEK C A	ADVANCED COMPUTER AIDED MANUFACTURING	RAMAKRISHNA MISSION VIDHYALAYA POLYTECHNIC COLLEGE	IInd Prize
ARUN T J	ADVANCED COMPUTER AIDED MANUFACTURING	RAMAKRISHNA MISSION VIDHYALAYA POLYTECHNIC COLLEGE	Certificate
ARAVIND KUMAR G	ADVANCED COMPUTER AIDED MANUFACTURING	RAMAKRISHNA MISSION VIDHYALAYA POLYTECHNIC COLLEGE	Certificate
EBRAHAM JOHNNY	ADVANCED COMPUTER AIDED MANUFACTURING	RAMAKRISHNA MISSION VIDHYALAYA POLYTECHNIC COLLEGE	Certificate
GOKUL RAJ	ADVANCED COMPUTER AIDED MANUFACTURING	RAMAKRISHNA MISSION VIDHYALAYA POLYTECHNIC COLLEGE	Certificate
JESSIL SIDDIK	CAD MODELLING	CHRIST THE KING POLYTECHNIC COLLEGE	Certificate
JOEL P	CAD MODELLING	CHRIST THE KING POLYTECHNIC COLLEGE	Certificate
MOHAMED BADUSHA N	CAD MODELLING	CHRIST THE KING POLYTECHNIC COLLEGE	Certificate
POORNIMA V M	CAD MODELLING	CHRIST THE KING POLYTECHNIC COLLEGE	Certificate
SAHIL S	ROBOTICS	PSG POLYTECHNIC COLLEGE	Certificate
SARAVANAN R	ROBOTICS	PSG POLYTECHNIC COLLEGE	Certificate
SHIMJIN R	ROBOTICS	PSG POLYTECHNIC COLLEGE	Certificate

PRAVIN.J	appreciation And Shield	JCT College of Engineering and Technology Coimbatore	certificate
PRINCE SEBASTIAN.I	appreciation And Shield	JCT College of Engineering and Technology Coimbatore	certificate
ABHISHEK C A	PROJECT AWARD	NITE College of Engineering and Technology	certificate of appreciation
AJEESH C	PROJECT AWARD	NITE College of Engineering and Technology	certificate of appreciation
ANOOP.K	PROJECT AWARD	SNS Technical Campus	certificate of appreciation
SIMJIN.S	PROJECT AWARD	SNS Technical Campus	certificate of appreciation

Memorandum of Understanding between JCTPTC and Industries

S. No	Date Of Mou Signed	Name Of The Industry	Domain Area	Contributed
1	27/12/18	RPG PRODUCTION	Mechanical Engineering	Student Placements
2	13/1/19	JANCONTROL	Mechanical Engineering	Student Placements

CLASS TOPPERS LIST (2018-19 EVEN SEM)

S.No.	Name of the student	Sem /year	Places
1.	ANEEZ A A	II/I	1
2.	YADAV T NAMASUDHAN S THANGAM	II/I	2
3.	NAVANIDHAN R	II/I	3
4.	JAISON CHRISTOPHER J	IV/II	1
5.	DHANASEKAR R	IV/II	2
6.	ABILDAS T S	IV/II	3



EDITORIAL BOARD

MR.J.JAYAKUMAR(LECT.)

MR.S.JUDE ARUL KUMAR (LECT.)

Publishers: Association Of Department Of Mechanical Engineering