







# ACADEMIC YEAR 2020-21 ACADEMIC ACCOMPLISHMENTS

"A dream becomes a goal when action is taken toward its achievement"

#### **MAJOR INITIATIVES**

- MOUs signed
  - o Three Dots Innovations LLP, Thanjavur
  - o Initiatives towards MoU with Kirirom Institute of Technology (KIT), Cambodia
- Sponsored programme
  - o ISTE sponsored e-National Conference on Emerging Trends and Advanced Technologies in Civil Engineering was organized by the Department of Civil Engineering on 19.03.21.
- AICTE -Vishwakarma Award out of 5 proposals, 4 were shortlisted for regional round. Student Project proposals were submitted to TNSCST towards funding,
- Strengthening of Teaching-Learning-Process
  - Lecture videos for all courses (3 per unit for 3 credit courses, 4 per unit for 4 credit courses) we
  - o Revision of Question bank, Course plan structure towards OBE
- Programme Advisory Review by NIT, Trichy expert by all departments for the period.
- Under AICTE-Margadarshan Scheme
  - 3 FDPs participation by our faculty members
    - o Mock NBA audit cum webinar by NIT experts
- SWAYAM Course for all classes II Year-IV year students
- Online Internships (all classes) & Project specific industrial training by IV year students.
- Extension Activities
  - ONLINE Skill Course for +1 students (8 Days programme)







# INTERNAL QUALITY ASSURANCE CELL

# DEPARTMENWISE PROGRAMME & ACHIEVEMENTS 2020-21

PROGRAMME ORGANIZED	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
Orientation Programme	6	3	2	-	4	1	16
Bridge Course	3	3	-	-		-	6
Guest Lecture	-	2	-	4	6	2	14
Refresher Course	-	4*	-	•	-	-	4
Value added course	1	1	1	1	11	1	6
Workshop	1	5	-	1		4	11
Seminar		1	11	5	4	8	29
Symposium	1	1	1	1	1	-	5
Conference	1	1	1	1	1	1	6
Spoken Tutorial	6	6	6	6	6	-	30
Alumni Interactions	1	7	7	4	1	-	20
Professional Society Activities	-	6	3	2	4	-	15
My Credit Course(MCC)	87	102	123	15	100	-	427
Intra Dept. Paper presentation	1	-	1	-		1	3
Mini-Project Expo	-	1	1	-	-		2
Project Expo	-	1	1	1	1	1	5
Career Guidance PGM.	-	1	1	-	1	-	3
Higher Studies Guidance programme		1	1	_	1	-	3
Workshop	4	328	20	10	5	5	372
Seminar	35	925	50	20	20	2	1052
Symposium (Paper Presentation)	8	85	-	5	-	5	103
Symposium (other Technical Events)	8	-	-	29	2	10	49
National Conference (Paper Publication)	4	92	30	2	17	-	145
International Conference (Paper publication)	06	37	13	2	-	3	61
pasitodes	1		3	3	_	_	43
Journal Publication	-	37	J			ļ	ļ
	-	37	42	4	17	-	64
Journal Publication					17	-	64
Journal Publication Project Contest	-	1	42			-	

IN-HOUSE Training	39		17	-	68	-	124
Internship	-	45	50	15	· _	-	110
STAFI	ENRICHM	IENT & A	CCOMPLISE	IMENTS			
FDP (AU / Other universities)	28	51	60	5	15	15	174
FDP (Internal)	-	10	-	8	-	2	20
Workshop (External)	2	33	6	4	-	6	51
Workshop (Internal)	-	-	-		_	1	1
Seminar(External)	56	437	130	10	2	2	637
Seminar(Internal)	-	-	-	10	1	4	15
STTP / SDP	21	5	6	3	15	7	57
FVFS		-	-	8	12	14	34
National Conference (Paper Publication)	2	10	15	2	19	7	55
International Conference (Paper publication)	3	10	5	2	2	7	29
Journal Publication	1	10	10	3	6	1	31
Awards	-	-	-	-	1	-	1
Ph.D Completion / Enrolment	-	-	-	-	-	3	3
Research Proposals	-	3	1	1	1	-	6
Other proposals (Programmes)	1	3	3	-	-	2	9
SWAYAM COURSES	9	9	35	12	12	1	78
NITTR QIP	10	16	14	9	12	4	65
ATAL COURES	17	8	19	4	12	-	60

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### Staff Enrichment Programmes organized

- International webinar on "Innovative Teaching Methodologies" was organized by IQAC, IIC and R&D Cell on 12.07.20. Around 337 participants
- ISTE Staff chapter organized 8 seminar sessions on various titles enriching staff community.
- Series of Internal webinar series were organized by IQAC regarding NAAC Accreditation framework, Bloom taxonomy, Outcome based education. during September and October'20.
- Hands-On-Session on "Video creation & Youtube standard" was organized by IQAC on 09.12.20.
- Webinar on "Examination Reforms" was organized on 23.12.20.
- Series of Technical seminar sessions were organized monthly by all departments on various technical titles.
- Webinar report on "Create Your own future through Innovation" was organized by IQAC in association with MoE, IIC & IEEE STB.
- Total of 20 FDPs were organized by departments on various titles.
- SWAYAM courses underwent by staff is 78
- NITTTR QIP underwent by staff is 65
- ATAL courses completed by staff is 60

#### **R&D** Initiatives

#### Student

0	National conference participation	: 145
0	International conference participation	:61
0	Journal publication	: 43
0	Project contest participation	: 64
0	Awards won	: 03

#### Staff

0	Ph.D Completion / Enrolment	: 03
0	Research proposals submitted	: 06
0	Other proposal submitted	: 09
0	National conference participation	: 55
0	International conference participation	: 29
0	Journal publication	:31
0	Awards won	:01

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29.02.20

# 19<sup>th</sup> College Day Report By Dr.J.Arputha Vijayaselvi Principal

# "A dream becomes a goal when action is taken toward its achievement"

Good evening and a warm welcome to you all!

Today, the 19th College Day of our college, is a significant day for all of us gathered here. On this occasion, I am extremely happy to welcome our Secretary Dr.R.Rajendran, Vice Principal, Dr.S.Sivakumar, our HODs, Faculty members, Non-teaching staff members and my dearest student members of our institution, to celebrate our achievements for the academic year 2019-20.

Through our consistent efforts **KINGS** strives towards preparing **professional identity development among its students through quality culture in academics imbibing holistic education.** With this believe, our efforts are in the direction to provide education that focuses on the overall development of our students. **With a heartfelt thanks** to all behind these developments, I am happy to record the achievements made during the period 2019-20.

### I. Permanent Affiliation status

Fulfilling all the compliances for affiliation, we are granted permanent affiliation status by Anna University. Calibering the academic credentials, infrastructural facilities, faculty qualification and norms we are granted this status to our UG branches of CIVIL, MECH, ECE during this period.

#### II. Collaborations with Industry & Academia

i. Trichy our Mentee institute, is guiding us and dispersing best academic initiatives. We signed MoU with Siemens Centre for Excellence towards collaborative academic initiatives in the month of Aug'19.

Outcome of this MoU

- a. Collaborative research
- b. Intellectual and Infrastructural sharing
- c. Industrial visits (Students, Staffs)
- d. Industry Project wok initiatives
- e. Inhouse Training & Summer internships
- f. Certification courses

46 of our students from the branches of CSE, ECE, EEE, Mechanical have undergone Training at Siemen's Centre for Excellence, NIT, Trichy and are carrying out their project work. Faculty and Students visited Siemen's facility and gained exposure the industrial practices.

ii. Industry-Academia Linkages is the need of the hour to bridge the gap in academic practices and industry expectations. In this direction, our efforts has resulted in MoU with TIDITSSIA (Trichirappalli District Tiny and Small Scale Industries Association).

Outcome of this MoU

- a. Industrial visits
- b. Skill development courses
- c. Entrepreneurship Development Courses, Camps
- d. Industry project
- e. Collaborative product developments
- f. Collaborative national, international academic events etc.
- iii. MoU with HireMee, Bangalore towards skills development and placement opportunities for students
- iv. MoU with Periyyar Maniammai Institute of Science and Technology, Vallam towards R&D, Collaborative academic initiatives.
- v. MoU with Next Vision Solutions, Chennai towards training and placement initiatives.
- vi. Programme Advisory Committee comprising experts from NIT, Industry, Alumni Internal members takes series of initiatives in strengthening academics and overall development. All UG branches undergone peer level review during Dec'19 with NIT experts.

# III. Skill and Personality Development Centre

With the objective of re-orienting under-privileged students with better employment opportunities, Skill and Personality Development Centre is established with grant-in-aid from AICTE. Language training software at this centre provides support for communication skills training among students.

# <u>IV. Pradhan Mantri Kaushal Vikas Yojana -PMKVY Scheme</u>

Under PMKVY, the flagship scheme of the Ministry of Skill Development & Entrepreneurship (MSDE), we conducted 9 skills certification programmes during last academic year.

173 participants underwent industry-relevant training that will secure better livelihood. Department of CIVIL, CSE, EEE, MECH organized 2 courses and department of ECE with 1 course. Central examinations are scheduled and conducted during Jan'20 for the participants. Next batch of training is planned during this academic year.

# V. Institution Innovation Council (IIC)

Strengthening culture of creativity and scientific temper, Institution Innovation Council organizes series of initiatives as per the guidelines of Innovation Cell, Ministry of HRD. IIC received 2 ranks for its establishment and activities for the period. 22 teams comprising 6 members each participated in Internal Hackathon presenting their innovations on 13.01.2020. Shortlisted teams (7 batches) from Internal Hackathon are registered for Smart India Hackathon - National level innovation contest 2020. 4 of our faculty members Dr.S.M.Uma, Mr.R,Balakrishnan/ECE, Mr.T.Pasupathi/ECE, Mr.B.Suresh Babu/T&P attended IIC Innovation Ambassador Training series during Dec'19 at Chennai organized by IIC, MHRD.

# VI. Research and Development Initiatives

# a. R&D initiatives

Number of faculty completed Ph.D during this period

:06

Number of faculty submitted thesis during this period

: 05

Encouraging student and staff Research initiatives, proposals to various funding agencies are submitted periodically.

# • Details of proposals submitted to AICTE are as follows

**MODROBS** 

:01

STTP proposals

: 05

RPS proposals

: 03

FDP proposals

:02

# • Number of proposals submitted to TNSCST student project proposals departmentwise are as follows

o CSE

: 13

o MECH: 01

o ECE

: 16

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o EEE :04

# b. AICTE Vishwakarma Award - Shortlist in I Level

Out of 5 submitted proposals to AICTE Vishwakarma Award, we are happy to share that 4 proposals guided by Ms.K.Abhirami/CSE, Ms.R.Sugantha Lakshmi/CSE, Ms.D.Vennila/ECE and Mr.K.Arun/CIVIL were shortlisted for II Round.

# c. Innovate India Contest participation

57 CSE students registered and participated in Innovate-India contest, organized by Texas Instruments in collaboration with DST, powered by AICTE and anchored by IIM, Banalgore. Out of 57 students, 25 students cleared upto level 4 in Online test.

# d. Tamilnadu Student Innovation 2019

Out of 283 innovations, 83 innovations were shortlisted at II stage and 25 shortlisted at III stage. Our ECE projects guided by Ms.R.Ponni and Mr.Rajaprian are shortlisted at III stage.

# e. Staff and Student Publication Summary for the period June'19-Dec'19

**National Conference publications** 

: 229

International conference publications

: 105

**Journal** publications

: 111

# VII. Academic Programme & Enrichment initiatives

# a.Regular Programmes

# b.Certifications initiatives

Student and Staff members are undergoing various certification courses periodically. SWAYAM and NPTEL

PROGRAMME	CIVIL	CSE	ECE	EEE	месн	S&H	TOTAL
ORGANIZED	CIVIL		<del></del>		<del>                                     </del>	1	12
Orientation	2	3	4	1	1	1 1	
Programme				1	-	-	4
Bridge Course	-	2			2		16
Guest Lecture	5	3	5	1		-	4
Refresher Course	_	1	1	1	1		
Value added	1	1	1	1	1	1	6
course					2	1	13
Workshop	<u> </u>	4	4		<b></b>		25
Seminar	3	5	14	3			
Symposium	1	1	1	1	1		3
Conference		1	1	1	-		
Spoken Tutorial	6	6	3	3	1	-	19
				2	1	_	15
Alumni Interactions	3	6	3	2			
Professional			6	2	2	-	16
Society Activities	2	4					
My Credit	<b>5</b> 5	38	53	11	88	-	245
Course(MCC)				<u>                                     </u>		<del>-  </del>	<del>                                     </del>
Intra Dept. Paper	1	3	1	-	-	1	6
presentation				1	$+$ ${1}$	1	6
Mini-Project Expo	1	-	2	<del></del>	_ <del> </del>	<del>-  </del>	3
Project Expo	1	1	11				<del> </del>
Career Guidance	1	1	1	-	-	-	3
PGM.	1	<b>1</b>	1			ergoing 2 SWA	VAM course

certifications courses are undertaken for enrichment. All IV year students are undergoing 2 SWAYAM course during this period as a part of My Credit Course as value addition.

# c.Sponsored Programmes

- NAAC Sponsored 1 Day Workshop on "Innovative Pedagogy and ICT Enables Teaching Learning Practices" was organized during on 10.01.2020. Faculty participants from various institutions of Thanjavur, Pudukottai, Kumbakonnam, Pudukottai districts participated in the workshop.
- DST Sponsored 3 Day Entrepreneurship Awareness Camp was organized during 22.01.2020- 24.01.2020. Government officials representing TIDITSSIA, Bank and experts in Entrepreneurship addressed and enlightened students.
- Short Term Training Programmes in Collaboration with NITTR, Chandigarh and NITTR, Kolkata are organized through ICT mode.
  - $\circ$  Number of STTPS organized in association with NITTR, Chandigarh : 03:07
  - Number of STTPS organized in association with NITTR, Kolkatta

#### d.Placement Training Programme

- 6 Day Aptitude and Softskill training programme through external experts was organized during 20.01.2020-25.01.2020. Series of Technical training sessions are also planned during Feb'2020.
- Online Training sessions and tests are periodically conducted for final year students in addition to regular Training & Placement sessions.

### e.Industrial Exposure

Importance is given to expose students and faculty members with industrial practices and expectations. Faculty members and students regularly interact with industrial houses to widen their knowledge and skills.

- Industrial visits are encouraged for II year students
- All III Year students undergo In-House Training during vacation period. Students also participate in IHT programmes through Internshalla registrations through direct and online mode. 2 of our students underwent internship at NIT, Trichy.
- IV year students are mandated to visit project specific industry / sector as a part of Project work. IV
   Year Mechanical students visited ISRO, Bangalore as a part of their Industrial visit.
- All Faculty members are visiting industries and keep abreast with latest practices and trends through Faculty-Visit-To-Factory scheme.

# f. Induction Programme

**1 week Induction Programme** as per the recommendations of AICTE was organized for 2019-20 batch entrants. 6 day programme pooled Orientation Programme, Motivational sessions, Literary Activities, Proficiency module, Alumni interaction, Health awareness session, Campus tour and Industrial visit during 07.08.19-16.08.19.

## g. Alumni Meet

- 2nd Alumni Meet was organized by the Alumni association on 21.09.2020. Around 100 KCE Alumnus attended and committed for support in terms of placement opportunities & Lab establishments.
- **Reunion 2020** was organized by 2006-10 batch EEE students on 18.01.2020 and extended their hands for supporting students for placements. The team has also planned for consecutive reunion programme to share their memories and support further.

#### h. Extension Activities

- NSS Wing of our Institute organized series of events during this period
  - o On the eve of International Yoga Day, all faculty and students undergone Yoga session on 21.6.19
  - Food Safety Awareness Programme was organized on 22.07.19 in association with Tamilnadu Food Safety and Drug Administration Department
  - $\circ\quad$  On 08.08.19 with the slogan of "One student one tree" tree plantation camp was organized.
  - o FIT India Movement a Central Govt. initiative was launched at our campus on 29.8.19
  - o Heart Day Awareness and Training session was convened on 04.09.19
  - National Deworming day was observed on 09.09.19

- o Series of events were organized on 10.09.20 celebrating Gandhiji's 150th Birthday celebrations in the month of Sep'20.
- KCE Student participated in Organ donation awareness Marathon organized at Pudukottai on 17.09.19
- Clean Campaign and Awareness rally was organized at Manimandapam and Big Temple during 12.10.19 and 29.01.2020. Our NSS unit has contributed in preparatory works for Kudamuzhuku at Big Temple during their camp service.
- Blood donation camp was organized on 29.01.20 in association with TMC & Pudunagar Health centre.
- CSE IV year students imparted Basic Computer training for Government school students at Punalkulam and Sri Shanmuga Hr.Sec. School, Manarkudi. At this moment I appreciate the efforts of K.Edwinraj, N.Bharathvaj, A.Mohammed Abrar, N.Bharanidharan, P.Nithishkumar for this initiative.

## VIII. Expert Visits

- Dr. Raji Sundarajan, Professor, Purdue University, USA inaugurated and addressed I Year students during Induction Programme.
- Dr.C.Pande, Distinguished Scientists, DRDO, Bangalore gave Guest Lecture for ECE & EEE students.

# Be positive, principled, pro-active, and productive.

I take this moment to record my gratitude to our Management for their support and guidance in all the endeavors. I express my thanks to parents for their trust and the working force - KCE team comprising HoDs, Faculty members and staff members. My heartfelt thanks to Almighty for his blessings in all deeds.

Thank you

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# INTERNAL QUALITY ASSURANCE CELL

### DEPARTMENTWISE PROGRAMME & ACHIEVEMENTS 2019-20

STAFF I	ENRICHM	ENT & AC	COMPLISH	MENTS			
FDP (AU / Other universities)	1	-	106	6	2	5	120
FDP (Internal)	-	13	-	-	-	-	13
Workshop (External)	7	3	35	2	2	-	49
Workshop (Internal)	3	13	164	11	-	4	195
Seminar(External)	764	2	849	13	25	-	1653
Seminar(Internal)	20	-	130	-	-	-	150
STTP / SDP	16	16	28	2	-	3	65
FVFS	-	13	18	10	13	16	70
National Conference (Paper Publication)	-	8	24	1	-	-	33
International Conference (Paper publication)	-	10	8	1	4	5	28
Journal Publication	-	1	3	1	4	5	14
Ph.D Completion / Enrolment	-	-	-	1	1	-	2
Research Proposals	-	16	3	2	1	1	23
Other proposals (Programmes)	1	-	13	1	-	-	15
SWAYAM COURSES	-	13	30	-	-	1	44
NITTR QIP	13	30	56	26	-	1	126







29.03.19

18<sup>th</sup> College Day Report By Dr.J.Arputha Vijayaselvi Principal

"Achievements is the result of High Intention, sincere Effort,
Intelligent direction,
Skillful execution
And the vision to see obstacles as Opportunities"

Good evening and a warm welcome to you all!

Today, the 18<sup>th</sup> College Day of our college, is a significant day for all of us gathered here. It is a day to evoke the noble vision of our Founder & Chairman and cherishing the academic, co-curricular, extra-curricular accomplishments of our team for the academic year 2018-19.

On this occasion, I am honored and privileged to welcome Determined and Brave Secretary Dr.R.Rajendran, Empathetic and Ingenious Vice Principal, Dr.S.Sivakumar, Industrious working hands - our HODs, Faculty members, Non-teaching staff members and my dearest student members of our institution, At his moment, I take immense pleasure in delivering college day report highlighting the key accomplishments.

With a strong focus & target for academics, we believe in the concept of holistic education and strive to achieve its goal of preparing students to meet the challenges that they face in the current highly competitive world. With this believe, our efforts are in the direction to provide education that focuses on the overall development of our students. Guided by this principle, we prepare our students not only for academic success but also for life. New dimension is also set towards establishing academic linkages & collaborations towards raising our academic horizons.

### I. Recognition from UGC

Our College is recognized under **2(f)** and **12(B)** act of **UGC**, status through which we are eligible for financial assistance from central government.

### II. AICTE approved schemes

## 1. Hub'n Spoke System - MARGDARSHAN Scheme of AICTE

We are extremely happy to share that our College is linked under **Hub'n Spoke System** - **MARGDARSHAN Scheme of AICTE. NIT, Trichy is our Mentor Institute,** will guide & disperse knowledge and encourage best practices

Under this scheme, within short span of 3 months, various academic initiatives were made.

- It is the proud moment to share that we are in the process of signing **MoU with Siemens**Centre for Excellence, NITT.
- Industrial visit to Siemens Centre for Excellence, NITT by our student and staff members with an opportunity to interact with Industry & Research personnel. Team is triggered and motivated towards research opportunities in the filed of Robotics & Automation.
- Faculty Development Programme on "Robotics and Automation" was organized inviting resource person from NITT by the department of CSE. Staff members from Mechanical department participated in FDP programme organized at NITT.

# 2. Skill & Personality Development Centre, sponsored by AICTE

Re-orienting under-privileged students with better employment opportunities, **Skill & Personality Development Centre** is established **with grant-in-aid of Rs.24 lacs from AICTE.** Dr.S.Sivakumar, Vice-Principal is the coordinator of the Centre.

### III. Pradhan Mantri Kaushal Vikas Yojana -PMKVY Scheme

Under PMKVY, the flagship scheme of the Ministry of Skill Development & Entrepreneurship (MSDE), we are running **9 skills certification programmes** during Jan-Apr'19 period. 173 participants are undergoing industry-relevant training that will secure better livelihood. Department of CIVIL, CSE, EEE, MECH are organizing 2 courses and department of ECE with 1 course.

## IV. Launch Of Institution Innovation Council (IIC)

To instill culture of creativity and scientific temper, **Institution Innovation Council** was established as per the norms of **Innovation Cell, Ministry of HRD**. 10 batches representing all branches of Engineering, has enrolled for **Smart India Hackathan- SIH 2019**. 60 students grouped together and submitted their creative ideas. Mr. R.Sundaramoorthy/EEE is the coordinator of IIC.

# V. <u>Launch Of Programme Advisory Committee</u> (PAC)

The Programme Advisory Committee (PAC) is constituted with the goal of incorporating necessary components in the Curriculum Implementation, Programme Assessment, Quality Improvement and Overall Development of the Department.

# **Composition as follows**

- Academic Experts from IIT / NIT/ reputed higher learning institutes
- Industry experts
- Alumni
- Professional society member
- Head of the Department
- Programme Coordinator

Every department has got consent from experts from NIT, Industries and members from Alumni, Professional society. Our network has widened and efforts are taken towards establishing rapport with the identified members by every department.

# VI.<u>Eminent Experts Visits</u>

- Guest Lecture on "Medical Image Processing" by Prof.Eric. A.Hoffman, Professor, Biomedical Engineering, University of IOWA, USA was organized on 1.2.19.
- Guest Lecture on "Research Opportunities" by **Dr.S.Rominus Valsalam, CDAC**, Trivandram was organized on 2.2.19
- Experts in the field of BioMedical Instrumentation, Dr.G.Shanthi, Scientist, Manager, Preclinical, Microtherapeutics Research Labs, Chennai, Dr.S.Shanthi, Prof/Dept. of ECE, Adithya Institute of Technology, Coimbatore, Prof.R.Malathy, Annamalai University, Chidambaram, Dr.K.Damadaran, Dr.Consultant & Interventional Cardiologist, Apollo Hospitals, Chennai were invited as resource persons for National Workshop on Biomedical Interventions during 27th & 28th February, 2019. Programme was technically associated by IEEE Madras Section and organized by R&D section of our institution
- Ms.Jenifer Bliss, IOWA University, USA as the Chief Guest for National Conference on "Emerging Trends in Advanced Computing Technologies" on 15.3.19.
- Dr.S.Krishna Kumar, Senior Technical Officer, Defence Research & Development Organization (DRDO), Chennai as Chief Guest for National Conference on "Emerging Trends in Electronics and Communication Engineering" on 15.3.19.
- Dr.N.L.Parthasarathy, Scienfic Officer, IGCAR, Kalpakkam as Chief Guest for National Conference on "Recent Advances in Mechanical Engineering" on 16.3.19.
- **Dr.K.Baskar, HOD/Civil, NIT, Trichy** as Chief Guest for National Conference on "Innovative Trends and Advances in Civil Engineering" on 16.3.19
- Dr.S.Albert Alexander, Asst. Professor (S.G.), Kongu Engineering College, Perundurai as Chief Guest for National Conference on "Flourishing Areas of Electrical and Electronics Engineering" on 15.3.19.

#### VII. Student Project Awards

# TNSCST Student Project awards are bagged by 3 Project teams

- 1. Project titled "VLSI implementation of automated monitoring and detection of tonsillitis by image processing" by S.Sheeba, ECE guided by Mr.T.Jeyaseelan/ECE
- 2. Project titled "Pacifier mobileapp" by J.D.Festus Devapriyan, CSE, guided by Ms.R.Sugantha Lakshmi/CSE.
- 3. Project titled "R3 Menstural kit", by L.Mowli, K.Jaishree guided by Ms.Ponni/ECE. Team also participated in **Science Fair** organized at **Science City**, Chennai.

## Other Project awards & recognition

- Project titled "Experimental investigation on Concrete by partial replacement of fine aggregate with stabilized soil", by S.Vasanth, R.Ranjith, G.Saravanan, S.Hassan/ IV year Civil guided by Ms.R.Revathy has won I Prize (Rs.3000/- cash award) at Project Expoorganized by Vel Tech University, Chennai.
- Project titled "Slum Clearance and Container Houses" by V.Vijay/III Civil has bagged Project certification from ARCHI WORLD ACADEMY, Netherlands. Online submission of project work and selections.

#### VIII. Placement Track Record

- Mr.R.Pravin, IV Mech is placed in CTS through AU, CUIC placement drive.
- Mr.J.D.Festus Devapriyan, IV CSE is placed in WIPRO through Off-Campus placement drive.
- On-Campus recruiters 2015-2019 batch
  - o Wonjin Auto Parts Pvt. Ltd.
  - o New Tech Industries
  - o Mishiba sical, Chennai
  - o CMS IT services
  - o Raising Star Mobile India Pvt. Ltd.
  - SATVAT Infosal India Pvt. Ltd
  - o TAFE India
  - Flextronics

Also, happy to share that 3 more recruitment drives are lined up during this month. Totally 2019 passed out has bagged 198 offers that includes 31 from TAFE.

# IX. Curricular & Co-curricular programmes organized

Our college values continuing education and constantly encourages the departments to organize various academic programmes. Stimulating the talents of our students and enhancing the essential skills for a professional, calendar pooled activities was organized during the year.

Abstract on the series of curricular and co-curricular programme organized for the student community.

## X.Certifications

PROGRAMME ORGANIZED	CIVIL	CSE	ECE	EEE	MECH	S&H	TOTAL
Orientation Programme	-	2	1	-	-	1	4
Bridge Course	<del>  -</del>	3	4	1	1	1	10
Guest Lecture	4	3	3	2	3	1	16
Refresher Course	_	-	1	1	-		2
Value added course	-	-	2	1	-	1	4
Workshop	1	6	5	3	3	1	19
Seminar	1	-	1	2	2	1	7
Symposium	1	1	1	1	1	<b>-</b>	5
Conference	<del>  1</del>	1	1	1	1	1	6
Spoken Tutorial	3	3	3	6	1	_	16
Alumni Interactions	3	6	5	2	6	<u> </u>	22
Professional Society Activities	_	8	11	5	2		26
My Credit Course(MCC)	109	104	91	48	118		470
Intra Dept. Paper presentation	1	1	2	-	2	2	8
Mini-Project Expo	_	<del>  -</del>	1	1	-	1	3
Project Expo	1	1	1	1	1	-	5
Career Guidance PGM.		$\frac{1}{1}$	-	-		-	1
Higher Studies guidance	-	1	1	-	-	-	2
Diogramme							

Student and Staff members are encouraged to undego Massive Open Online Courses. (MOOC) leading to technical expansions. Details of such courses underwent are

SWAYAM courses enrollment and participation by staff
 SWAYAM courses enrollment and participation by students
 NPTEL course enrollment and participation by staff
 38
 39
 31

FOSS certifications from IIT Bombay (for students)

Number of workshops organized
 Number of certifications
 14
 196

• FOSS certifications from IIT Bombay (for staff -FDP) : 43

XI. <u>National Institute of Technical Teacher's Training and Research sponsored STTP</u>

5 STTP programmes in association with NITTR was organized during the period on the following titles

- Problem Solving and Decision Making during 31.12.2018-4.1.2019
- Advanced Process Control & Instrumentation during 7.1.2019-11.1.2019
- Development of Laboratory Instruction and Manual during 4.2.2019-8.2.2019
- Modern Manufacturing Systems during 18.2.2019-22.2.2019.
- Evaluating Student Performance and Designing Question Paper" was organized between 25.02.19 and 01.03.19

#### XII.Value Addition Initiatives

### My Credit Courses (MCC)

Skill oriented courses supporting IV year student Career opportunities are organized during VIII semester. Syllabus for these courses are designed to meet industrial expectations by faculty members. Course duration is 45 periods.

Total number courses organized: 9

## Competency Development Classes (CDC)

Series of initiatives are taken towards enhancing student competencies. In this direction, Competency Development classes were organized during 3.40-4.40 from this academic year onwards. CDC courses includes

- 1. Communication & Presentation skills courses
- 2. GATE entrance coaching classes
- 3. Department specific technical courses
- 4. SWAYAM online courses were also organized as a part of CDC on various titles.

#### XIII. Research Initiatives

#### STAFF

Number of faculty completed Ph.D during this period	: 06
Number of faculty members registered for Ph.D during this period	: 06
Research proposals submitted during this period	: 04
Progamme fund seeking proposals submitted	: 10
Peer Reviewed journal publications	: 11
Journal publications	: 52
International Conference publications	: 37
National Conference publications	: 56

#### **STUDENTS**

Journal publications	: 23
International Conference publications	: 26
National Conference publications	: 51
Awards received TNSCST/Science City/Vishwakarma	: 03

# XIV. Industrial Exposure

Vital importance is given to expose students and faculty members with industrial practices and expectations. Faculty members and students regularly interact with industrial houses to widen their knowledge and skills.

- In addition to our regular practice of IHT and Internships, all **Final year students** underwent **Industrial visit to project specific Industries** during this even semester.
- Second year students visited branch specific industries during even semester. List of industries visited are

- o Tamilnadu Cement Factory, Ariyalur by CIVIL students
- o BSNL, Thanjavur by ECE students
- Solar Power Plant of Dr.Babu ENT Hospital, Thanjavur by EEE students
- o Sri Rajeswari Engineering Industries, Thanjavur by Mechanical students
- o Siemens Centre of Excellence Robotics & Automation by all branch students
- In-House Training undergone during this period
  - o 25 batches visited 10 companies from Mechanical branch
  - 19 batches visited 11 companies from ECE branch
- Internships
  - o 7 batches visited 4 companies from ECE branch
- Faculty members has visited 42 companies under Faculty-Visit-to-Factory-Scheme.

# XV. Professional Society Activities

- **ISTE chapter** has organized 11 staff seminar & 10 student events. Orientation programme for newly joined faculty members was also organized by ISTE staff chapter.
- Departmentwise technical events organized by respective professional societies are 16.

### XVII.Staff Enrichment initiatives

- Department of Civil, CSE, ECE(3 workshops), Mech (2 workshops) organized workshops on various titles.
- Department of CSE organized 2 days FDP on "Robotics and Automation"
- Department of ECE organized expert lecture session on "Research opportunities", "How to prepare a research proposal".
- Orientation programme for newly recruited staff was organized.

#### XVIII. Extension Activities

- Motivational Programme for 12th students "Jaithu Kattuvom 2018" in association with Dinamalar was organized during Dec'18 at our campus and at Manargudi during Jan'19.
- Series of Workshops was organized by all branches of Engineering inviting Polytechnic students on various titles during Jan'19 and Mar'19.
- NSS wing has organized awareness camps, health camps, clean camps at various villages and at our campus during this period. Totally 8 programmes are organized.
- YRC organized 3 programmes and CCC organized 2 programme for the benefit of students.

I would like to take this moment to congratulate and appreciate all students and faculty members who are excelling in academic endeavor and co-curricular pursuit.

Congratulations to all achievements.

Withstanding your high level of commitment and aspirations, requesting the team to keep raising the flag of the institution high and set standards to reach exemplary all-rounders.

As a testimony, recently our proud ALUMNUS has secured various positions in TNPSC Group-I examinations

- 1. Mr.J.Manimaran (2014 Civil Passedout)
- 2. Ms.J.Asrath Begam, (2013 CSE passedout)

Hopefully, our KCE will stimulate more budding engineers and produce responsible engineers to serve our mother nation.

"The goal of education is not to increase the amount of knowledge but to create the possibilities for a child to invent and discover, to create men who are capable of doing new things" by Jean Piaget

We at KINGS are confident and happy that we create such opportunities to our dear students.

Thank you

29/3/2019

PRINCIPAL







# INTERNAL QUALITY ASSURANCE CELL

# **DEPARTMENTWISE PROGRAMME & ACHIEVEMENTS 2018-19**

STAFF	ENRICH	MENT & A	CCOMPLIS	HMENTS			
FDP (AU / Other universities)	5	3	4	-	3	1	16
FDP (Internal)	4	17	05	-	-	2	28
Workshop (External)	5	4	10	2	4	-	25
Workshop (Internal)	11	3	31	3	-	-	48
Seminar(External)	5	5	2	2	-	-	14
Seminar(Internal)	3	-	-	1	-	3	7
STTP / SDP	2	2	23	-	-	3	30
FVFS	11	13	18	11	20	18	91
National Conference (Paper Publication)	7	3	36	14	8	37	105
International Conference (Paper publication)	4	6	15	3	4	5	37
Journal Publication	11	15	9	8	3	2	48
Awards	1	-	3	-	-	3	7
Ph.D Completion / Enrolment	ı	2	1	1	-	2	6
Research Proposals	1	1	4	1	-	2	9
Other proposals (Programmes)	3	9	2	1	-	-	15
SWAYAM COURSES	14	14	10	-	-	-	38
NITTR QIP	8	35	38	13	-	3	97







17.03.18

17th College Day Report
By
Dr.J.Arputha Vijayaselvi
Principal

# "High achievement takes place in the framework of high expectation"

Good morning and a warm welcome to our  $17^{th}$  College Day celebrations. Iam honored and privileged to Welcome

Ambitious, Courageous and Generous Secretary Dr.R.Rajendran
Compassionate, Empathetic and Passionate CEO, Mr.T.R.S.Muthukumaar
Persistent, Reliable and Resourceful Vice Principal, Dr.S.Sivakumar
Adaptable PRO, Mr.R.Annamalai
Diligent working hands our HODs, Faculty members
And my dearest student members of our institution,

It is the Joyest moment to all of us today, as we are cherishing the academic, co-curricular extracurricular accomplishments of our team for the academic year 2017-18. I take immense pleasure in delivering college day report highlighting the key accomplishments.

With a appropriate target for academics exhibiting the achievement of educational goals, learning experiences is complemented by systematic execution of co-curricular, extra-curricular activities. Stimulating the talents of our students and enhancing the essential skills for a professional, calendar pooled activities was organized during the year.

Abstract on the series of curricular and co-curricular programme organized for the student community.

I-Curricular activities: Totally 11 categories of curricular events are organized.

Programme	entwise summary of curricular events  Departmentwise number of events												Total
	CIV	'IL	CS	E	EC	E	EE	EE MEG		CH S&H		H	
	0	E	0	E	0	E	0	E	0	E	0	E	_
Workshop	2		1	5	2	3	1	2		3	_	-	19
Guest Lecture	2	1	2	2	-	1		2	2	2	-	-	14
Orientation	1		1		1	1	1		1		-		06
programme			2					<u> </u> _	1	-	1	-	04
Bridge course	-	-	2	-	- -							<u> </u>	
Spoken Tutorial	1	2	3	3	1	2	1	1	1	2			17
Conference(scheduled)		1	<del>                                     </del>	1	 	1		1		1			05
Intra-dept. Paper	-	-	-	3		3	-	1	-	-	-	-	07
Presentation & Quiz	1	-	$\frac{1}{1}$	+	1	+-	1	+-	<del>  _</del>	1	<del>  _</del> -	+-	05
Symposium	1	<u> </u>		<u> </u>	<u> </u>		<u> </u>	+	2	$+\overline{-}$	<del> </del>	1	08
Seminar	-	-	-	_	1	4	<u> </u>			<u> </u>	<u> </u>	<u> </u>	
My-Credit Course		2		2		2		2		2			10
				<u> </u>							T	otal	87

O- Odd Semester E- Even Semester

# II-Professional society activities:

Participation in professional societies is a great way to network and learn from peers and others involved in engineering and education. Student are enrolled into various professional societies like ISTE, IEI, IEEE, ISME.

**Eventwise summary of Professional society activity** Departmentwise number of events Total Programme MECH S&H ECE EEE CSE CIVIL 0 0 E E E E 0 E 0 E 0 0 3 3 Thinkfinity 3 1 1 1 Seminar 3 2 1 Technical event 2 1 1 Workshop 1 1 Staff presentation 2 1 1 Paper presenation 3 1 1 1 **Guest Lecture** 1 Monoacting, Crossword(technical) 17 Total

In addition, series of faculty seminars was organized by ISTE society. **5 seminar sessions was organized during odd semester and 6 seminar session was organized during even semester.**Student activities 5 events was organized for both ODD and EVEN semester.

### III-Programme organized for Staff

- Department of CSE organized **Anna University sponsored Faculty Development Programme** on Compiler Design during 11.12.17 and 17.12.17.
- Internal seminar session on Teaching Learning practices was organized in all the departments during Odd semester. Internal seminar on ICT tools in teaching was organized in all the departments. Totally 12 internal seminar sessions was organized for faculty members.\*

# **IV- Industrial interactions**

Systematic approach of In-House Training and Faculty-visit-to-Factory is practiced at our institution to impart industrial exposure.

**FVFS - Branchwise Summary of Execution** 

Branch			Cate	едогу			Area						
	M	С	SE	SW	G	0	Local	Nearby	Outstation				
CIVIL*	3	5	4	-	1	-	8	3	1				
CSE	-	-	2	7	-	-	2	4	3				
ECE	6	-	2	1	5	-	6	3	5				
EEE	3	-	1	-	4	-	4	1	3				
MECH	5	-	1	-	-	2	5	1	2				
S&H	7	-	-	-	6	3	2	2	12				
Total	24	5	10	8	16	5	27	14	26				

M - Manufacturing

C - Construction

SE - Service

SW - Software

G - Government

O - Others

**IHT - Branchwise Summary of Execution** 

Branch	No. of
	Companies
	visited
CIVIL	13
CSE	09
ECE	05
EEE	02
MECH	03
Total	32
companies	
visited	

# V-Participation in External events

**Event Participation : Staff** 

Programme	Departmentwise number of events											Total	
	CIVIL		CSE		ECE		EEE		MECH		S&H		
	0	E	0	E	0	E	0	E	0	E	0	E	
Workshop	5	2			23	6					-		36
Seminar												3	3
International Conference						12							12

**Event Participation : Students** 

Programme		Γ	epa	rtme	ntwi	se r	ıum	ber	of ev	ent	S		Total
	CI	VIL	C:	CSE		ECE		EE	MECH		S&H		
•	0	E	0	E	0	E	0	E	0	E	0	Е	
Workshop	9	66	12	14	21	9	1	45	15		11		203
Symposium-Paper presentation				18	5	7	5	5					40
National Conference				12				.9		1			21
Seminar	-	<u> </u>			4	,	5						09
Hackatan	<u> </u>			2			-						2
Coding Challenge- Hacker Rank				1			<del>                                     </del>				-		1
International Conference		-	<u> </u>		2			2					4
Project Expo				2	<u>                                     </u>	4							6
Technical events		21						-	3				24
	1	<u> </u>	<u> </u>			<u> </u>	<u></u>	Tot	al Pa	rtic	ipati	ion	310

# VI- Awards and Prized won

Programme		Dep	art	Departmentwise number of events											
•	CIVIL		CS	CSE		ECE		EEE		CH	S&H				
	0	Е	0	E	0	E	0	Е	0	E	0	E			
Surprise event		1											1		
Quiz			1	1									2		
Essay competition	-		1			,							1		
Debugging				2									2		
Project expo			-	-	_	2					ļ <u>-</u>		2		
Paper presentation	-					<u> </u>			2	-			2		
Trekking			-			ļ	1			1			1		
	1		Ц.,		L	ļ	Ш.		1		To	tal	11		

#### VII- Publications

#### Staff

Programme	Departmentwise number of events												Total
	CIVIL		CSE		ECE		EEE		месн		S&H		
	0	E	0	E	0	E	0	E	0	E	0	E	
Conference(N)		7	· · · · ·	5				1		<u>-</u>	2	1	16
Conference(I)					12	11	1	2	1		1		28
Journal	2	1					10		20		15		48

#### Student

Programme		Departmentwise number of events											Total
·	CIVIL		CSE		ECE		EEE		MECH		S&H		
	0	Е	0	E	0	E	0	E	0	E	0	E	
Conference(N)		100	1	12									113
Conference(I)						36							36
Journal	1	1	2		2								6

#### VIII- Project Award

- Department of ECE has won Project award in the event SPS –IEEE. Members K.Kriuthika, R.Swathipriya, K.Swathipriya, N.Abenayavarshandeni
- Department of ECE has won III position in project contest organized by Anna University at Chennai Science Festival 2018. Members L.Mowli, K.Jaishree guided by Ms.Ponni

#### IX- Proposals Submitted

- MODROB's proposal to AICTE by the Department of CSE
- 2 STTP proposals to AICTE by the Department of CSE
- 1 DIT proposal to TNSCST by the Department of CSE
- 1 Conference proposal to TNSCST by the Department of CSE
- 9 student project proposals submitted by Department of CSE for TNSCST
- 1 RPS proposal to AICTE by the Department of ECE
- 1 RPS proposal to DRDO by the Department of ECE
- 1 proposal to Motorola group by the Department of ECE
- 2 student project proposals submitted by Department of EEE for TNSCST
- 1 Research proposal to CSIR by the Department of Mechanical
- 1 Research proposal to INSA by the Department of S&H

#### X-English Communication skills Programme

Augmenting the various skill enrichment programmes, we launched programme operating on all working days between 1.10-1.30pm towards English communication skills. Departments supported by the coordinators of the event, motivate students through various initiatives and involve all students for participation in the session. Students are actively involved in the programme. Student ambassadors are dynamically coordinating the event.

#### XI- Mega Events

- 25th National Children's Science Congress Project Expo for school students on 14.11.17
- Jaithu Katuvom- "Success 2018" for School students in the 02.12.18. 816 students from various school participated in the event
- Department specific programmes was organized by all the branches of engineering inviting polytechnic students during Feb-Mar'18.

#### XII- Extension activities

- Dengue awareness camp was organized in the month of Aug'17
- Clean Camp at Vasisteshwarar Temple, Thitaai in the month of Aug'17
- · Youth day in the month of Aug'18
- Nilavembu Concoction in the month of Sep'18
- Family welware laws seminar session in the month of Sep'17
- Environmental hygine and pollution awareness seminar in the month of Oct'17
- Eye Screening camp in the month of Jan'18
- Polio Campaign in the month of Jan'18 and Mar'18
- Seminar of Nature nurtures in the education of life skill in the month of Feb'18
- Blood donation camp in the month of Mar'18
- Seminar on "Machine VS Nature in the life cycle of human being" in the month of Mar'18
- · Passport camp in the month of Mar'18

#### XIII- Other Events

- Alumni interaction sessions are organized periodically. For even semester 5 programmes are organized.
- PTA meeting was organized on 10.03.18.

#### **XIV-Sports achievements**

At Kings, students are given the structured and systematically planned activities for all round development and become a resourceful citizen of the nation.

# Achievements In Anna University Chennai Zone Tournaments

#### **MEN**

GAME	TITLE
Volleyball	Winners
Kabaddi	Runners
Hockey	Runners
Basketball	Third
Badminton	Third
Tennis	Third

### WOMEN

GAME	TITLE
Athletics	Winners
Volleyball	Winners
Ball badminton	Runners
Basketball	Runners
Badminton	Third

### i. University representations

- S.Ponmani, IV EEE played Kabaddi in the Mangalore University Tournament held at Mangalore during Nov'17/
- S.Deeethi, III EEE played Handball in the AP tournament
- R.Kalaiselvi, IV Civil played volleyball in the Kannur University Tournament, Kannur
- Senior state champion representation by S.Ponmani, P.Victoria, P.Abarna, P.Varsha, M.Pradeepa in Kabaddi game and R.Kalaiselvi in Volleyball.
- Chief minister trophy representation by S.Ashiga and K.Divya for Basketball game.

I would like to take this moment to congratulate and appreciate all students and faculty members who are excelling in academic endeavor and co-curricular pursuit.

Congratulations to all achievements.

Withstanding your high level of commitment and aspirations, requesting the team to keep raising the flag of the institution high and set standards to reach exemplary all-rounders.

Thank you

J.Mal 2018

**PRINCIPAL** 







# INTERNAL QUALITY ASSURANCE CELL



# DEPARTMENTWISE PROGRAMME & ACHIEVEMENTS 2017-18

STAFF I	ENRICHM	ENT & AC	COMPLISH	MENTS			
FDP (Internal)	-	4	-	-	-	-	4
Workshop (External)	7	7	30	-	-	-	44
Seminar(External)	-	-	6	-	-	-	6
Seminar(Internal)	-	2	1	-	-	-	3
FVFS	-	-	18	-	-	-	18
National Conference (Paper Publication)	9	7	-	10	-	3	29
International Conference (Paper publication)	11	1	22	3	1	1	39
Journal Publication	8	14	3	7	20	15	67
Awards	-	-	1	-	-	-	1
Ph.D Completion / Enrolment	-	-	-	-	-	1	1
Research Proposals	-	-	6	-	-	-	6
Other proposals (Programmes)	-	8	6	2	1	1	18



# ACADEMIC YEAR 2017-18 12th GRADUATION DAY REPORT (Dt.08.07.17)

Most esteemed CFO Madam Smt.Sharmila Rajaa, respected CEO Shri.T.R.S.Muthukumaar, respected Secretary Dr.R.Rajendran, beloved Vice-Principal Dr.S.Sivakumar, beloved PRO Shri.R.Annamalai, HoDs of various departments, Staff members, our dear Parents and graduands.

Good day wishes to all.

It is a delight to be here today. Walking into this hall of **438** Engineering graduands (421 UG graduands & 17 PG) who are all brimming with pride is a great feeling. Kings is happy in unfolding its 12th batch of Engineers to the society today, making the dream of our beloved parents come true.

To graduate in your chosen field is a wonderful achievement of which you should be very proud. Congratulations on persevering and getting to this day; this is just the beginning. Education is a privilege and shouldn't be thought of as ending when you leave KCE.

Hopefully you'll continue the education process for the rest of your life and march with confidence and achieve greater heights.

On this occasion, I would like to share KEY PERFORMANCE INDICATORS that our team has achieved during the academic year 2016-17. Starting with

#### **Academic Results**

 4 University ranks are bagged by our 2016 batch competing with 516 Engineering colleges all over TN.

Branch	Student Name	Rank Position
CIVIL	S.Thamari Selvi M.John Finney	46 50
ECE	J.Rumana Freeth	33
EEE	R.Nithya	44

 Congratulations to all the rank holders for your hardwork and for raising the fame of our institution.

# Accreditation & Affiliation

- We are delighted to share that the outcome of Assessment & Accreditation exercise by the NAAC has resulted in NAAC certification with B grade during Aug'16 and is valid for period of 5 years. Team comprising former NITian, IITian, present NIST, Jadavpur University visited and granted the status to our institution.
- Department of CSE was given permanent affiliation status by Anna University during the academic year.

Best Practice of KCE certified by ICTACT

ICT Academy, an initiative of Govt. of India in collaboration with state Govt. & Industries endeavors in developing next generation teachers and industry ready graduates. We are extremely delightful in sharing that one of our Best practice inculcating industrial training to faculty and students was awarded under Industry-Institute Collaboration. Out of 450+ nominations from various academic institutions all over the state, our Best practice is awarded as the Best practice and is recommended for its follow-up by others too.

### **TECHNOMINDS OF KINGS in IT**

Our KINGS' bright, blooming minds is no way inferior to Students studying at reputed colleges in cosmopolitan cities.

Yes, our students has ventured into **Technology initiatives of Google, Firefox and Mozilla**. Iam happy to congratulate the technominds of KINGS.

- M.Baranidharan of III CSE was selected as Regional coordinator for google developer group and a member of Quality Assurance Indian Team.
- R.Nagarajan, III Yr CSE was selected as the Localization team leader of Firefox
- B.Abirami, III CSE was selected as Women's Mozilla club member

# STUDENT PROJECT AWARD FROM MOTOROLA

 ECE student project work titled "Design & Implementation of gravity magnet assisted power (GMAP) system for harvesting electrical energy has bagged student project award from the Foundation for Advancement of Education & Research, Bangalore (Motorola)

# IEEE Madras Section appreciation award

**IEEE Madras Section** in appreciation for organizing activities towards advancement of IEEE and Engineering profession during the year 2016, **Student branch of our institution is awarded C Grade.** 

## FOREIGN INDUSTRIAL VISIT TO THAILAND

Foreign Industrial Visit is a unique initiative of the Institution and is an excellent encouragement for the Best Performer of the Batch. KINGS encourages all-round performer from every branch to Foreign Industrial Visit.

For the year 2016-17, the FIV awardees and participants are M.P.Salai Manimagudam, Civil Dept, S.Shangeetha, CSE Dept., S.Devayani, ECE Dept, S.Sowmiya, EEE Dept and S.Hariharan Mechanical Department. Awardees visited Thailand accompanied by Dr.T.Pushparaj, HOD/Mechanical.

Team also had an wonderful opportunity of presenting papers at the International Conference on Innovative Research in Engineering and Science at Asian Institute of Technology, Thailand during 16-17<sup>th</sup> June 2017. These papers are selected for Scopus Indexed Journals for publication.

As a part of the FIV, our team had an opportunity to visit Lucky Spinning Ltd., an industry that uses ultrasonic testing technology, Japanese pneumatics technology and other Automation aspects helped our student to gain real-time industrial exposure.

Team also had prospect to examine Electric Power Grid facility, Nano Technology Lab Facility and Instrumentation lab at Asian Institute of Technology, Thailand. Team spent 3 days of visit at Thailand (ie., 15-17 June '17). We are thankful to our management for the complete sponsorship for this visit.

# Placement track record of our institution is highly appreciable

75 % of our 2017 batch students have been selected and placement offers were committed to these students. We are happy in creating opportunities for our final year students every year among the best industry players and we are aiming for 100% placement record for the forthcoming batch. Max.salary offered by our recruiters for the batch is 32,000/- per month and min.salary offered is 8.000/- per month.

**National Conference Organized** 

All Engineering departments and S&H department organized National Conference during Dec'16. Eminent academicians, researchers and students participated and networked during the event.

# Staff enrichment initiatives

Series of staff seminar session (12 sessions) were organized on various technical titles.

# Research & Consultancy Initiatives

- Department of Civil encouraged students to undergo projects on alternative material for construction works
- Consultancy works on Cube Testing for 2 organizations was carried out by the department
- 2 Project proposals are submitted towards research initiatives by the department of S&H.
- Mini-Project expo was organized by R&D section.

# Infrastructure Developed

- 30 Systems with I5 Processor, 16GB RAM, 1TB harddisk was added to the department of
- Wi-Fi connectivity is extended to the entire campus.
- Internet connectivity is expanded to 100 Mbps.

# Student accomplishments

- Best Project Award in Intra-College Project Expo was bagged by IV year CIVIL students.
- S.Venkatesh of Mechanical Engineering department bagged the prestigious institutional award King of KINGS for the year 2016-17.

# Staff accomplishments

- Ms.S.M.Uma & Ms.T.Vigneswari of CSE department has completed and awarded Ph.D during Mar'17 at Anna University, Chennai.
- Following faculty members had submitted Ph.D thesis and awaiting for Viva-Voce schedule.
  - o Mr.M.Babu of Mechanical Engineering Department
  - Mr.Shankarakalidoss, Ms.G.Ramya Arockiamary of Mathematics Mr.Suresh, Department
  - Ms.T.Shanthi of ECE Department.
- Prof.A.Albert Martin Ruban, Ms.N.Hemavathi & Ms.N.Rajeswari has published book titled "Power Electronics", ARS Publications

 Ms.N.Hemavathi was awarded "Best Guide " for UG project work guidance, titled "Smart Navigation System for visually impaired" at SJC Institute of Technology, Karnataka.

 "Best Paper Award" was bagged by Ms.A.Prabha/EEE, Ms.R.Suganthalakshmi/CSE for the paper titled "Gateway to successful education through identification of learners potential & needs" at 19th ISTE T&P Annual Convention held at NGP Institute of Technology, Coimbatore.

Programme organized for the benefit of students

			enent of stude Progra	amme Cates	gory	
	Seminar	Workshop	Symposium	Guest Lecture	Professional society activities	Project Expo
Total	2	21	5	15	19	9

Intra-Collegiate cultural fest "Sangamam-2017" was organized during Feb'2017. College day and Sports day were organized during April 2017.

Programme attended by the students

Program	nme attenue	a by the student	Programme Ca	ategory	
	Seminar	Workshop	Symposium	Professional society activities	Project Expo
Total	9	186	83	45	94

Programme attended by faculty members

Tiogramm		Programme Category				
	Seminar	Workshop	FDP	SDP	STTP	
Total	8	41	30	3	12	

#### Student Publications

Student Pub	ncations				
Branch	Category				
Dianen	National Conference	International conference	Journal		
TOTAL	93	97	66		

#### **Staff Publications**

	Category			
	National Conference	International conference	Professional society event publication	Journal
TOTAL	129	52	14	61

Industrial Exposure

Branch	In-House (Students p	Faculty-visit-to-Factory (Staff participation)		
	No. of companies	No. of students	No. of companies	No. of faculty
TOTAL	60	360	59	109

# Sports achievements

 Our Sport achievements were recorded at Zonal / University / State Level events at past. Last year, our Pavithra Indrajith, EEE student has represented Indian Team at the 4th Asian Kabaddi Championship Juniors events held at Iran during Apr'16. Team secured 2<sup>nd</sup> place in the Event.

 Pavithra has been awarded cash prize of Rs.3 Lacs from the State Government, Sport Development Authority. We are also happy to share that she has been offered posting at South Central Railway under sport quota for her accomplishment.

### Zonal Tournaments

Men

- Hockey & Basket ball team winners
- o Athletics, Football, Volleyball runners up position
- o Ball badminton, III Place

#### Women

- o Athletics, Basketball, Volleyball winners
- o Badminton and Ball Badminton runnersup

Life is a journey, and all accomplishments we achieve during its course should be taken as starting points for further achievements.

Our graduands should serve as such a launching point, projecting us to wherever our futures are meant to take us.

I-conclude by Congratulating all Graduands and Rank holders of 2016 batch.

Thank you

January Control of the PRINCIPAL