



DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Accredited with 'A' Grade by NAAC

Accredited by NBA for BME, ECE & EEE

Accredited by TCS

Perambalur – 621 212, Tamil Nadu



DSEC TIMES 2020: A Bi - Annual Newsletter

Vol. 6, Iss. 1

About DSEC Times

“DSEC Times”, The Institute newsletter is released annually that portrays the details highlighting the co-curricular activities of the student, faculty improvements and our Institutional achievements. Through IQAC, we have a practice of releasing the Annual newsletter regularly. “The DSEC Times: Annual Newsletter”, series of **5 Volumes** have been released. With hope of organizing ample of events and accomplishing more achievements by our faculty and students, we have planned to release **DSEC Times as Bi-Annual Newsletter from 2020.**

INSIDE!!!

✓ Institution Triumph Beyond Curriculum...

- Student Care Centre (SCC) Activities
- Club glistens
- Professional Society handiness
- Personality & Character development (PCD) Activities

Campus Life...

- Academicians Invited
- Faculty Empowerment
- Student Enrichment

✓ Training & Placement

✓ COVID 19 Lockdown Refreshments

VISION

An active and committed centre of advanced learning focused on research and training in the fields of Engineering, Technology and Management to serve the nation better.

MISSION

- ✚ To develop eminent scholars with a lifelong follow up of global standards by offering UG, PG and Doctoral Programmes.
- ✚ To pursue Professional and Career growth by collaborating mutually beneficial partnership with industries and higher Institutes of research.
- ✚ To promote sustained research and training with emphasis on human values and leadership qualities.
- ✚ To contribute solutions for the need based issues of our Society by proper ways and means as dutiful citizen.

QUALITY POLICY

Committed to achieve recognition as "Institution of Excellence" by consistently providing quality education in the fields of Engineering, Technology and Management with professionalism and global outlook ensuring continual improvement

To know our regular updates
Visit our

College website:

<https://www.dsengg.ac.in/>

Facebook page:

<https://www.facebook.com/dsec.pblr>



NEWSLETTER

INSTITUTION TRIUMPH

- ✦ A proposal on **“Skill & Personality Development Programme Centre for SC / ST Students”** was submitted to **All India Council for Technical Education (AICTE)** and our proposal got selected among few Engineering colleges in South India with a **fund of 12 lakhs**.
- ✦ DSEC Innovators team from the Department of Bio Medical Engineering was selected in **AICTE-SMART HACKATHON 2020** - Phase I-Hardware. The Project title is **“Non invasive Glucose Monitoring System”**.
- ✦ The Department of **Electronics and Communication Engineering** have received a fund from **Indian Society For Technical Education (ISTE)** for Organizing a National Conference on Innovations in Electronics and Communication Engineering (**NCIECE-20**).
- ✦ **Ms.Nithyasri** of first year **Aero Space Engineering** has been selected as **“BEST PERFORMER”** in the **INTERNATIONAL SPACE SCIENCE COMPETITION 2020** (College level) through ISSC-2020. She has also been **endorsed to visit National Aeronautics and Space Administration (NASA), United States**.

**Ms.Nithyasri, I Year
Department of Aerospace Engineering
Awarded as Best Performer ISSC – 2020 &
to visit NASA,US soon.**

Getting Blessings from our Honorable Chairman



- ✦ During 13th March 2020, the **Second series of National Conference (NCON) 2020** was organized **in association with the Professional society bodies (IEEE, ISTE, IOE, CSI, BESI, YPS, ISSE and IETE)** by inviting the eminent Chief Guest **Col.Prof.N.Ramachandran, Educationist, Former Vice-Chancellor, Tamil Nadu & Maharashtra**. Totally **7 Conferences** were organized and around 600 participants from various colleges actively took part in the conference. Exclusively **10 Technical Resource persons** were invited from various colleges actively took part in the Conference.



NCON 2020 : Release of Conference Proceedings

- ✦ **Memorandum Of Understanding (MOU)** was signed between our Institution and **Bluz Informatics Solutions** and **Syasans Career Analytics Technology Private Limited** on March 13, 2020. This MOU will act as a platform for developing our College in around global aspects.



Exchange of MOU with Bluz Informatics Solutions and Syasans Career Analytics Technology Private Limited

✚ **Research and Development Cell** had organized **one week “Innovative Project Expo 2020”** during 28-1-2020. Totally **336 students** participated enthusiastically by **exhibiting 100 Projects** in the Expo and **seven projects** were preferred for the Development of Institution. **Our Chairman had visited the Expo on 29.01.2020 and was delighted to give the cash award of Rs. 55,000/-to the winners.**

Innovative Project Expo 2020 by Research and Development (R&D) Cell



Project Expo 2020



Students' demonstration



Appreciation ceremony

✚ A handbook of **“DSEC Best Practices”** and AV (Audio Visuals) of the practices followed at DSEC are showcased to all the DSEC'ians on 13.3.2020. The **Academicians invited visualized the AV show** with pedagogic aspects and appreciated DSEC fraternity to continue the practices with motive of reaching the pinnacle.



DSEC Best Practices : AV Show viewed by the DSEC'ians

✚ The **DSEC Times-19, Vol 5, an annual Newsletter** comprising of the Institutional achievements, all department activities and other co-curricular activities of the students, during the year of 2019 was released by **Our Honorable Chairman** on January 29, 2020.



DSEC Times –19: Annual Newsletter, Vol 5 released by our Honorable Chairman

✚ One man may hit the mark another blunder; but heed not these distinctions. Only from the alliance of the one, working with and through the other, are great things born. This quote has been proved by the faculty members of DSEC by evolving the practices. The **Pillars of the Practices** are **appreciated** and conferred with memento on March 13, 2020. The **Organizing secretaries** of National Conference 2020 also have been cherished with the memento.



The Occasion of Faculty Appreciation

FACULTY NAME / DEPT	EVENTS ORGANIZED
Ms.B.Karthiga / ECE	<ul style="list-style-type: none"> I-Learn (C², E³,G⁴ Campaign) Booklet on Best Practices
Mr.K.Karthickbabu / BME Ms.M.Rekha / ECE	<ul style="list-style-type: none"> DSEC Times - 19, The Annual Newsletter
Dr.M.Parameshwari / EEE	<ul style="list-style-type: none"> Innovative Project Expo'2020
Ms.A.KNivedha / BME	<ul style="list-style-type: none"> Food safety and Nutrition awareness program Health and Hygiene awareness program
Mr.C.Vignesh / EEE	<ul style="list-style-type: none"> Fixation of Energy Conservation Slogans in DSEC campus. Presentation on Conservation of Energy
Mr.L.S.Kalaiselvan / CIVIL	<ul style="list-style-type: none"> Formation of Rain water harvesting unit
Mr.D.Vengadesh / MECH	<ul style="list-style-type: none"> V care(Save nature)
Ms.A.Bavani / CIVIL Ms.M.Vinodhini / CIVIL	<ul style="list-style-type: none"> C3 Digino (Child care, Child Ransom, Closed Deep Hole well)
Ms.P.Rajeswari / ECE Ms.K.Preetha / EEE	<ul style="list-style-type: none"> Awareness Programme - Gynecological Problems & Malnutrition Counseling session for girls students
Ms.B.Mahalakshmi / HRDC	<ul style="list-style-type: none"> Short film on "Waste water management' and "Rain water harvesting" AICTE proposal – preparatory works
Ms.B.Sindhiya / HRDC	<ul style="list-style-type: none"> Career guidance Programme for I year Various activities like JAM, debate, Group discussion, speech completion through E Club
Mr.D.Vijayakumar / IT	<ul style="list-style-type: none"> AV Show preparation
Ms.T.Geetha / IT	<ul style="list-style-type: none"> Remedial classes: Q Learn (Quick Learn)
Ms.R.Rajalakshmi / MATHS Dr.P.Senthilkumar / MATHS	<ul style="list-style-type: none"> DCC - DSEC Cleaning Campaign
Mr.T.K.Nalusamy / CHEM	<ul style="list-style-type: none"> Printing work

✚ **IQAC and HRDC** jointly organized a "**Career guidance Programme**" for First year students during January 28 to January 30, 2020.

Ms.Sindhya / HRDC guided I year students'



STUDENT CARE CENTRE (SCC) ACTIVITIES

- ✚ **Student Care Centre** was formulated in Block A which embraces the **Women's Cell, VISAKA Cell, Grievance Redressal Cell (GRC), Anti Ragging Cell, Counseling Cell and NSS**. These following cell are grouped under this centre, various beneficial aspects are done to the student through SCC.
- ✚ **"Student meeting"** have been accomplished by the Principal in series of categories like Class representatives, Hosteller, Dayscholar, scholarship availing students and slow learners during 6th & 7th February, 2020 in betterment of making the students to concentrate on their studies for improving their academic performance.
- ✚ On 6-3.-2020, student meet was organized for slow learners. In line with this meeting, a **remedial class Q Learn (Quick Learn)** was organized for the student betterments.
- ✚ The **Principal addressed** the **lateral entry students** on March 7, 2020 to prompt them with valuable approaches followed in DSEC for raising their academic performance.
- ✚ On the **basis of Assessment Test performance** a meet was organized during March 14 to 16, 2020 in various categories to make consciousness about the strategies followed in our college for improving their academic performance.



Glimpses of Student Meeting

- ✚ **Parents meeting** was organized on 9.3.2020, **Dr.S.Durairaj, Principal/DSEC** delivered a motivational talk and interaction on **"Awareness on Mobile Usage and Benefits of Q Learn"**.



Parents' Meeting addressed by the Principal on 09.03.2020

- As discussed in Students' and parents' meeting, Q-learn (Quick Learn) a remedial class was conducted from 9.3.2020 to 15.3.2020 .Around **320 students** have been benefitted.



Q Learn for slow learners during 9th March to 15th March , 2020

- Dr.M. Geetharani, MBBS,DPH,MPH**, Deputy Director of Health Services, Perambalur addressed the gathering with presentation about the mode of spread, preventive actions towards **COVID 19** on 8.2.2020.



Preventive
measures from
the spread of
COVID 19
by
Dr.M.Geetharani
on
08.02.2020



- The **Principal Dr.S.Durairaj**, addressed and given **Career Guidance** for the Dhanalakshmi Srinivasn Higher secondary school students on March 18, 2020. The prepared snippets of **What Next? After 12th** were distributed to the students' and an effective conversation was done in mode of educating them about the available opportunities era in Higher studies.

**Career guidance to the Higher
Secondary school students' by the
Principal**



Women Cell & VISHAKA cell

✚ Session on “**Counseling**” was organized by **Women Cell & VISHAKA cell** on 31.1.2020. **Ms.T.Dhivya, Psychiatrist Counselor, Dhanalakshmi Srinivasan Medical College & Hospital** has delivered a talk for DSEC Women Students.

✚ **Awareness Programme on “Gynecological Problems & Malnutrition”** was organized by **Women Cell & VISHAKA cell** on 18.02.2020. **Dr.NuzhatZeba, M.B.B.S., D.G.O., DNB., Senior Residents, Dhanalakshmi Srinivasan Medical College & Hospital** was invited to address the female students.



Counseling session by Ms.T.Dhivya, Psychiatrist Counselor, DSMC&H

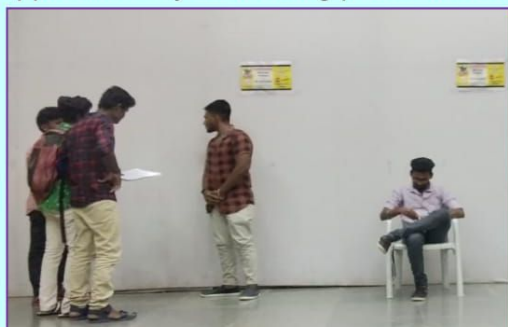


Awareness Programme on “Gynecological Problems & Malnutrition” by Dr.NuzhatZeba, M.B.B.S., D.G.O., DNB., Senior Residents, DSMC&H

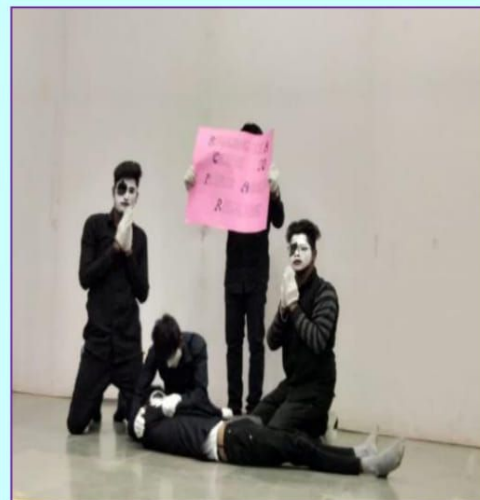


Anti Ragging cell

✚ The **Anti Ragging cell** Organized the **Anti ragging awareness activity -2020** on 28.2.2020. Various events like Skit, Role play and Elocution were conducted and the students' participated gracefully and they were also appreciated by distributing prizes and certificates.



Anti-Ragging activities: Skit, Role play & Elocution.



Grievance Redressal Cell(GRC)

✚ The **GRC** organized the **Educational loan awareness program** for making attentiveness about the **National Scheduled Caste Finance and Development Corporation** for our students on 18.02.2020 at **Audio Visual room of the Central Library**.

Nearly **300 students** were civilized with the Eligible Criteria's, Importance of Educational Loan, Terms and Conditions for applying the scholarship and documents to be submitted for availing the scholarship were discussed.

Educational Loan Awareness Programme by GRC

On

18, February,2020



CLUB GLISTENS

✚ Awareness programme towards **“Disaster Management”** was conducted on 11th January, 2020. **Mr.U.Dhamodran,B.A, Assistant District Officer**, District Officer (Full Additional In-charge), **Fire Rescue Works, Perambalur** has demonstrated the Fire Rescue Process.



Disaster Management: An awareness talk & Demonstration

✚ **“Awareness program on GPS “**was organized on 25.1.2020.This program was mainly organized for **Drivers of our DS Group** and the session was taken over by **Dr.K.Shunmugapriya, Head, Department of Civil engineering and Mr.R.K.Manikandan Assistant Professor**, Dhanalakshmi Srinivasan Engineering College.



Awareness Programme on GPS to DS Institution Bus Drivers

✚ **C3 DIGNO (Childcare, Child ransom & Close Deep hole well)** was organized by **(Eco Club, Energy Club & Water Club)** on 28th January 2020. Towards a theme, activities like Work of Art, Article Writing, video presentation, Poster presentation, Slogans on children safety, Drama / Miming, Model Making, Elocution on **child safety** was organized. Around **70 students** actively participated.



Lively archives of C3 Digno organized by Eco, Energy & Water Club



ECO Club

- ✚ **Ms.Elizabeth zarina Jacob, Professor, Food technology and quality control**, Dhanalakshmi Srinivasan college of arts and science for women, Perambalur was invited on 8th February,2020 by Eco Club to deliver an invited talk on **“Food safety and Nutrition”**.
- ✚ **ECO Club** has organized the Awareness session on **“Health and Hygiene”** on 11.2.2020 by inviting a resource person of **Dr.S.Mani prabhu, PG,MD, community medicine and Dr.R.Soundarajan PG,MD, community medicine** of Dhanalakshmi Srinivasan Medical College and Hospital, Siruvachur. They delivered a series of talk on comprehensive cleaning to maintain a good health and a better personality in the society.



**ECO Club:
Invite talk on “Food
safety & Nutrition”**

**Awareness session
on “Health &
Hygiene”**

Energy Club

- ✚ As a part of **ENERGY CLUB** activities, **Energy Conservation Slogans** were placed at **Blocks of DSEC** on 28.01.2020.
- ✚ A **Multimedia Contest** was organized on the theme **“Conservation of Energy”** on 08.02.2020. The students' actively presented the videos, Power point presentation related to the awareness about avoiding wastage of power, conservation of electrical energy and harvesting of electrical energy.



**Energy Club:
Release of Energy
conversation
slogans**

**Multimedia
contest on
Energy
Consevation**

Water Club

- ✚ A seminar on **“Save Water”** was conducted by Water Club on 17.2.2020. The session was delivered by **Er.A.Sundaresan,M.E, Executive Engineer, Rural Development & Panchayath Raj, Kallakuruchi, Villupuram District**. A Frequent concern on Rain water harvesting unit in DSEC campus were being done through Water Club.

**Water Club: Seminar on “Save Water”
by
Er.Sundaresan, Executive Engineer,
Rural Development & Panchayath Raj**



PROFESSIONAL SOCIETY HANDINESS

Through **Professional Society (PS)**, every department conducted both technical and non-technical skill based activities like **Technical talk, Quiz, Group discussion, Team building, SIM (Student Initiative Materials) Techz, circuit debugging, Machine maestro and Budget discussion** on 11.01.2020 and 08.02.2020.



Professional Society activities on 11.1.2020 & 8.2.2020

The department in association with their **Professional Society** organized **National Conference on 13th March, 2020**.

Department	Name of the Conference	Association with
Biomedical Engineering	National conference on Biomedical and Health Informatics (NCBMHI 2020).	Biomedical Engineering society of India
Civil Engineering	National conference on Civil and Building Engineering Informatics (NCCBEI 2020).	Indian Society of Structural Engineers
Computer Science & Engineering / Information Technology	National conference on Smart Intelligent Computing and Applications (NCSICA 2020)	Computer Society of India
Electronics and Communication Engineering	National conference on Innovations in Electronics and Communication Engineering (NCIECE 2020)	Indian Society for Technical Education
Electrical and Electronics Engineering	National conference on Automation and Electrical Engineering (NCAEE 2020)	Institute of Electrical and Electronics Engineers
Mechanical Engineering	National conference on Recent trends in Metallurgy, Materials, Manufacturing and Aeronautical Engineering (NCRTM 2020)	The Institution of Engineers (India)
Master of Business Administration	National conference on Work, Culture & Organizations (NCWCO 2020)	YUVA Profession Society



Portrait of Technical National Conference 2020 through Professional Societies

PERSONALITY AND CHARACTER DEVELOPMENT (PCD) ACTIVITIES

✚ To build the confidence and to enrich the language experience of the students, **E'Club (English Made Easy)** has organized various activities. Nearly **85 students** were actively participated. The activities were conducted by E' Club staff members as listed: **Fun Games in DSEC lawn, Quiz and Riddles, Creative Writing, Story Telling, Tongue Twister** on 30.1.2020 & 18.2.2020.

An **English Enrichment Session** was conducted by **Mr.Bharanidharan**, Department of English addressed the students of DSEC on 17.2.2020. The **Certificate Issue Ceremony** of E Club Contest was conducted on 26.2.2020 at DSEC Lawn Area.



E'Club Certificate Issue Ceremony on 26th February, 2020



Glorious moments of E'Club (English Made Easy)

✚ Nearly **215 Students** were participated in the **RALLY** organized by the **Perambalur District Authorities** with intention of creating consciousness about **Voters day**.

✚ One day **Factory visit** to **CHAKRA MILK PARLOUR** was organized on 25th Jan 2020. Around **210 students visited the parlour**. The experts in the company explained the working of instrument involved in their industrial system.



Extension Activity by I year students



Factory Visit by the I year Students to the Chakra Milk Parlour

SPORTS

In deep admiration and remembrance of our beloved **Mrs.Dhanalakshmi amma**, Our **Ds Group of Institutions** conducted the Cricket match in district level during 08.02.2020 to 10.02.2020. In that great sports event our DSEC cricket team won the **First prize** and received a cash award of **Rs: 25000/- from our Honorable Chairman**.

The DSEC Cricket team received blessings from Our Honorable Chairman



Mr.Gunanithi IV year/ Mechanical Engineering participated in **6th Indo-Nepal Golden Cup Youth Rural Games 2020**(in favor of our Indian Team) during 08.02.2020 to 12.02.20 and **won the Gold medal** in that universal sports event.

Mr.Gunanithi, IV Year / MECH received blessings from our Honorable Chairman

Our Students actively participated in **Intra-College sports meet of Anna University, ZONE XIV** and won **First prize and medals** in the tournament of **Cricket, Football and athletic events**.



DSEC Cricket & Foot ball Team 2020 won First prize

Nearly nine students won prizes in Athletic events of Intra-College competition conducted by Anna University, Zone XIV Receiving blessings from our Honorable Chairman



NSS (National Service Scheme)

- ✦ **One week NSS camp** was organized and carried out at nearby **village Sengunam** during 18.02.2020 to 22.02.2020 by organizing various activities like **Tree plantation, medical camp, cleaning campaign, awareness programme for the school students and medical camp for domestic animals**. Our students serviced for the betterment of the people in the village.



One week NSS camp at Sengunam village

- ✦ **“DSEC cleaning campaign”** was organized by **NSS** in line of assist from Eco, Energy and Water club on February 16, 2020. The **first year students** contributed effectively in cleaning **A, B, C and D Block of DSEC** with sportive manner.

DSEC Cleaning Campaign on 16.02.2020



Fine Arts Association (FAA)

- ✦ **Nakshatra 2020**, the **Cultural extravaganza** was organized by DS Group of Institutions for **4 days** from 19.2.2020 to 21.2.2020. A variety of cine stars have been invited as Guest, the icon of the events were **Actor Simbu & Siddharth and actress Raashi Khanna**. Around **70 students** participated in the Cultural Programme through **FAA**.



Nakshatra 2020 & Women's Day Celebrations by DSEC Students through FAA

- ✦ **Women's day** was celebrated on 9-3-2020; **The Vice Chairperson, Dhanalakshmi Srinivasan Group of Institutions** was the Guest of Honor and **Dr. Jayanthasri Balakrishnan, Motivational speaker** was invited as Chief Guest. Our college students performed an enthusiastic dance through FAA.

- ✦ As a tribute to our nation, **Republic Day** was organized on 26th January, 2020 with a wide variety of events like **March Past, Cultural and art Gallery arrangements** by the DS Group of Institution and our students were participated with patriotism.



ACADEMICIANS INVITED

- ✚ **Dr.N.Ramachandran, Educationist, Former Vice Chancellor, Tamilnadu and Maharastra** was invited to inaugurate the National Conference-NCON 2020 on 13.3.2020. Professor has also delivered a talk on “Industry 4.0”.
- ✚ **Dr.C.Ravichandran, Principal& Professor-ECE, Sri Nandhanam College of Engineering and Technology** delivered the keynote speech about the “Collaborative Development of Medicine and Engineering and Shape the Future of BME with Innovation”.
- ✚ Invited talk was given by **Dr.G.Mahendran, Professor & Head, Department of ECE, Syed Ammal Engineering College** on 13.03.2020. He gave a key note speech on “Medical applications of Digital Image processing techniques”.
- ✚ Guest Lecture on “Wireless Network” was conducted for Final year students of ECE on 29.02.2020. The session was handled by **Mrs.G.Revathi, Associate Professor, MAM College of Engineering, Tiruchirappalli**.
- ✚ **Dr.P.SureshKumar, Professor & Dr.G.Venkatesan, Professor, Department of Civil Engineering, University College of Engineering, Ariyalur** has delivered a lecture on “Application of rubber particle in Biological Concrete”.
- ✚ Keynote Speech was delivered on “Smart Intelligent Computing and Applications” by **Dr.A.Ramachandran, Associate Professor, Department of CSE, B.S. Abdul Rahaman Crescent Institute of Science & Technology, Chennai**.
- ✚ Technical Talk on “Recent Trends in Computing Technology”: presented by **Mr.S.Manogar** Managing Director, Green Soft Solutions on 8.2.2020.
- ✚ **Prof.N.Shobanadevi, Professor & Head, Department of EEE, University College of Engineering, Ariyalur** has delivered a talk on “Automation and Electrical Engineering”
- ✚ **Dr. S. Karthikeyan, Professor & Head, Department of Mechanical Engineering, Syed Ammal Engineering College** was a resource person to deliver a lecture at “Materials and Manufacturing Engineering”
- ✚ **Dr.M.Robinson, Associate Professor, Anna University (BIT Campus), Tiruchirappalli** delivered a lecture on “Overview of Budget 2020”
- ✚ Guest lecture on “MILES TO GO” was given by **Mr.V.Chandra Chowdry, Associate Professor& Head, Department of English, Srinivasan College of Arts & Science, Perambalur** on 25th Jan 2020.
- ✚ Seminar was given on 25th Jan 2020, titled “Role of Technology in the Medical Field” by **Mrs. B. Rekha, Associate professor, Dhanalakshmi Srinivasan College of Pharmacy**.



Dr.N.Ramachandran
Educationist,
Former
Vice Chancellor,
Tamilnadu & Maharastra



Dr.G.Mahendran
Professor / Head – ECE
Syed Ammal
Engineering College,
Ramanathapuram



Dr.G.Venkatesan
Professor – CIVIL
Anna University, Ariyalur



Mrs.N.Shobanadevi
Professor/ Head – EEE
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Dr.A.Ramachandran
Associate Professor –
CSE
B.S. Abdul Rahaman
Crescent Institute of
Science & Technology,
Chennai



Mrs. G.Revathi
Associate Professor –
ECE
MAM College of
Engineering,
Tiruchirappalli



Dr.S.Karthikeyan
Professor / Head – MECH
Syed Ammal Engineering
College,
Ramanathapuram



Mr.V.Chandra Chowdry
Associate Professor /
Head – English
Srinivasan College of
Arts & Science,
Perambalur

FACULTY EMPOWERMENT

Journal Publications

- **Dr.S.Durairaj, Principal**, “Soft computing approach based energy and correlation aware cooperative data collection for wireless sensor network” in Springer-Journal of Ambient Intelligence and Humanized Computing, May 2020.
- **Dr.S.Durairaj, Principal**, “Secured Transmission in Double Clustered Heterogeneous Mobile Wireless Sensor Network” in 3C Technología, Special Issue, March 2020.
- **Dr.K.Shunmugapriya/Civil**, “GIS based assessment of ground water for domestic& irrigation purpose in Vazhapadi Taluk Salem Tamil Nadu” in Taiwan water conservancy, 2020.
- **Dr.K.Shunmugapriya/Civil**, “Experimental investigation on municipal waste water treatment by using Murray & Koenigii leaves as coagulants”, Indian journal of environmental protection, 2020.
- **Dr.K.Shunmugapriya /Civil**, “Treatment of Urinal waste water using natural coagulant” IJRTE, 2020.
- **Prof .S.R.Sowmiya /CSE**, “Distinct Web Search Engine with Reducing Ambiguity Word Complexity”, IJCRT, 2020.
- **Mr.Arunprasad J/Mech**, “Performance and Emission Analysis of Engine Using Naviculla SP.Algae Oil Methyl Ester with LA2O3 Nano particles”, Journal of Elsevier-Material Today Proceedings, May 2020.
- **Mr.Arunprasad J/Mech**, “Performance and Emission Characteristics Of Engine Using Naviculla SP, Algae Oil Methyl Ester With LA2O3 MGO Nanoparticles”, Journal of Elsevier-Material Today Proceedings, May 2020.
- **Mr.R.Thirugnana Sambantham/Mech**, “Chlorella Vulgaris Sp. Mocoalgaе As A Feedstock For Biodiese”, I Journal of Elsevier-Material Today Proceedings, May 2020.
- **Mr.R.Thirugnana Sambantham/Mech**, “Wear And Friction Characteristisation Of Chlorella Sp. Mocoalgaе Oil Based Blended Lubricant On Pin- On-Disc Tribometer”, Journal of Elsevier-Material Today Proceedings, May 2020.
- **Mr.S.Yogeshwaran/Mech**, “Evaluation On Mechanical Properties Of Basalt Fiber- E Glass Reinforced Polymer Composite”, Journal of Test Engineering & Management, 2020.
- **Mr.P.Kannan/Mech**, “Biodiesel Production From The Biomass Of Dunaliella Salina Green Microalgae Using Organic Solvent”, Journal of Elsevier-Material Today Proceedings, May 2020.
- **Mr.S.Sugumar/Mech**, “Biodiesel Production From The Biomass Of Dunaliella Salina Green Microalgae Using Organic Solvent”, Journal of Elsevier-Material Today Proceedings, May 2020.
- **Mrs.Rajeswari,/ECE**, “Design and development of android based mobile application for performance analysis of Microstrip patch antenna”, Journal of Elsevier-“Microprocessor and Microsystems, 2020.
- **Mrs.B.Karthiga/ECE** and **Mrs.M.Rekha/ECE**, “Feature Extraction and I-NB Classification of CT Images for Early Lung Cancer Detection”, Journal of Elsevier-Material Today Proceedings, May 2020.

Book Publications

- **Ms.D.Sathyakala/ECE** and **Ms.K.Suganya /ECE** have published a book titled “Linear Integrated Circuits” in BookDoula Publications.
- **Mr.A.Yogeshwaran/ECE** and **Mr.KadharBasha/ECE** have published a book titled “Transmission Lines and RF systems” in Charulatha Publications.

Conference / Workshop Attended

- **S.Sathyamoorthy/BME** attended the 6th International Conference MEEMIC -2020 held on 14th March 20 at Sengunthar college of Engineering.
- **S.Krishna Priya/BME** attended the International Conference On Engineering Technology held on 4th March at Selvam college of technology
- **A.K.Nivedha/BME** attended the Hands On 3D Printing Workshop On “Making Orthotic Model.

Guest Lecture delivered

- **Ms.C.Sakthi Priya/Civil** has delivered a talk on “Well Hydraulics” to DSIRT, Siruvachur.

🚩 In need of improving the **faculty development** in all aspects, the Principal addressed the faculty members as a team in way of motivating them for improving their academic skills on 29.02.2020.



**Faculty
Meet
on
29.02.2020**

STUDENT ENRICHMENT

Journal Publications

- **A.Eyazhini /II M.E**, "Secure sharing of data in cloud using revocable storage – identity based Encryption", IJSRED, 2020.
- **B.Guna /II M.E**, "A Approximate geometry analysis of Dual connectivity and spectrum sensing in Heterogeneous wireless networks", ICET, 2020.
- **M.Kanimozhi /II M.E**, "Secure Information transmission system based on Semi-tensor compressive sensing in wireless networks", ICET, 2020.
- **S.Priyadharshini /II M.E**, "Design of KU band patch antenna for satellite application", ICET, 2020.
- **P.Revathi /II M.E**, "Complementary dual modular redundancy with multiplexer circuit for soft error tolerant design", ICET, 2020.
- **R.Menaha /II M.E**, "Novel Fuzzy and gametheory based clustering and decision making for VANETs", ICET, 2020

Conference / Workshop/Symposium Attended

- **R.Akshaya,S.Divya ,S.Jasmine Mary,T.Karthika- IV BME** was **awarded for outstanding poster** in International conference on sustainable technologies in health care and environment.
- **Praveen Banu A ,Roshini,Swarna Rose,Vidhya sri -IV BME** was **awarded for Best paper** in 8th International conference on contemporary engineering and technologies
- **Sujitha ,Rethna Sri ,Sheela,Pradeepa -IV BME** have attended **The International Conference** On Sustainable Technologies In Health Care And Environment at Kamaraj college of engineering and technology.
- **Aruna, Divya, Deepika,Jeevitha -IV BME** have attended the **National Conference** On Smart Computing And Advanced Communication at PSNA college of Engineering and Technology.
- **Bathivarshini -III BME** was attended the **workshop series** at VIT titled INTERNET OF THINGS conducted by kyrion technologies.
- **Sri Sanjay-III BME**, attended the **short term course** on CAMPUS AMBASSADOR PROGRAM of KARYON'20 organized by Delhi Technological University.
- **The final year EEE students: P. Ashwini, V. Dhanalakshmi, K. Sathya, M. Malathi, V. Vishali, S.Nithya, K.Nivedha, Sasikala.S** have attended One Day National Workshop on "Renewable Energy Integration, Issues and challenges" at National Power Training Institute, Neyveli on 07.02.2020.
- **V.Subramanian, K.Dinesh, D.Durga, S.Durga of IV/EEE** participated in workshop on "Energy management and power quality issues on Renewable" at K. Ramakrishnan College of Engineering.
- **S.Keerthiraj of III EEE** has **won the second prize in paper presentation** of 2nd National Level Technical Symposium at St.Joseph's College of Engineering & Technology on 19.02.2020.

TRAINING & PLACEMENT

- ✚ **Human Resource Development Cell (HRDC)** team starts their placement training from III year onwards. Training starts with aptitude solving and finally with soft skill training.
- ✚ Nearly **31 Companies** visited our Institute for Recruitment process from January to March, 2020. Some of our recruiters are **Capgemini, HCL Technologies, Just Dial, Sureti IMF Pvt Ltd, Bluez Informatics, Data Logistics, NOVAC Technology Solutions, Shriram Transport Finance, Kaar Technologies, Q Spiders, WINDCARE India Pvt.Ltd, Visionary RCM Infotech, Ridsys, Mphasis, Veta Industries** and so on.
- ✚ Virtually **230 students** have placed in various designation like Business Development Executive, Analyst, Software Developer, Software Engineer etc., with **highest pay of 9.6L per annual and average scale of 3.6L per annum.**



COVID 19 LOCKDOWN REFRESHMENTS

- ✚ **Quick Reference Material (QRM)** was prepared by the faculty members for all the subjects to have a quick glance of each unit. It was circulated and the same was submitted as an Assignment by the students.
- ✚ **Video Lectures and Mode Exam** was organized for First Year Students.
- ✚ **Project Review** had been conducted in online mode for **PG Students**. The project work was transformed into an article and after scrutiny it had been insisted to publish in a Journal.
- ✚ A Proposal for organizing an **Induction programme** for forthcoming semester named **SIP (Student Induction Programme)** had been submitted by HRDC Team.
- ✚ To enrich the business and marketing strategies, an initiate work had been taken by the faculty members of MBA Department. They prepared a **Business Plan** on various domains which will be cultivated further among students.
- ✚ The faculty members have enrolled in **online courses** of **Amity future academy, Math works, Tata steel, TCS ion, NPTEL, Alison, Research academy, TCS ioN, IBM** and so on. Apart from courses, faculty members have participated in **Short Term Training Programme (STTP), Webinar, Faculty Development Programme (FDP)**. To list a few, faculty members have attended **NAAC Sponsored webinar, AICTE Sponsored webinar, NPTEL Lecture Series** and so on.
- ✚ Virtually **250 e-books, 250 e-journals** and **407 Springer books** have been downloaded from **NDL (National Digital Library of India)**.
- ✚ A **series of webinar** have been planned and conducted from **May15, 2020 to June 15, 2020**.

Faculty Refreshment activities during Lockdown	No. of programme attended by the Faculty
Online Course	636
FDP	144
Webinar	439
Journal published	21
STTP	15
Workshop	35

The First series of Webinar (For academicians, scholars and faculty members)

Date	Title	Resource Person	Date	Title	Resource Person
15.5.2020	Digital Life science	Mr.Jerome Vincent Worckhardt,Chennai	24.05.2020	Demystifying Machine Learning Predictive Modelling	Dr.B.Sathyabama Sona College of Technology
16.5.2020	Future Entrepreneur	Mr.Sathiyaraj Commonwealth bank Australia	25.5.2020	Recent Trends In Aerospace Engineering	Mr.Ganesh Vivek Raendran, Research Assistant, German Aerospace, Humburg
17.5.2020	IT Job market	Mr.JanaKuppusamy IT Consultant-UK	26.05.2020	Post HR Scenario of COVID – 19	Mr.T.Arumugam HR – Kone Elevators, Chennai
18.5.2020	Hunter Attitude	Mr.Vignesh Manickam Alligator Software,Coimbatore	27.5.2020	OBA	Dr.S.Padmavathi Thiagarajar College of Engineering, Madurai
20.5.2020	Future Managers	Dr.B.Suthagar Hindustan College of Arts & Science, Kovai	27.5.2020	Redefining opportunities as students	Mr.Shyam sundar, Twriltact Solution
21.05.2020	Artificial intelligence	Dr.Parasuraman Monash University, Malaysia	28.5.2020	Scattered Dreams	Mr.V.Navanith Naveen Spawn Group of Companies
21.05.2020	The Gate Way To Career & Opportunities In Civil Engineering	Er.Ram Prasath, Design Engineer, UAE	29.5.2020	Publishing International Research Journal papers and Promotion of Student Innovation	Dr.Rajesh Kanna Al Ghurair University Dubai

Date	Title	Resource Person	Date	Title	Resource Person
22.5.2020	Introduction to Drones	Dr.Senthil, Muscat Univesrity Oman	30.05.2020	PLC In Automation Industry	Ms.Mandakinee Bandyo Padhyay, Asonsol Engineering College, West Bengal
23.05.2020	Machine Learning technique and Applications for condition Monitoring	Mr.I.Vijay Kumar, Lead Engineer, Danfoss A/S, Denmark	31.5.2020	Psychological impact on COVID – 19 and Stress Management	Dr.D.Randeeep RajKumar, Psychologist, Athma Hospital, Tiruchirappalli.

The Second series of webinar is by DSEC Alumni to our DSEC Students

Date	Title	Resource Person	Date	Title	Resource Person
2.6.2020	Airframe Structural Design	Mr.Vishnu Raj Aeronautical Engineer, Air Vistara Mumbai	9.6.2020	Cloud Platform & IT automation with Ansible.	Mr.NamaShivyam Senior Analys, Accenture Private Solutions Pvt.Ltd., Bangalore
3.6.2020	How to be an Aspiring Biomedical Engineer	Mr. M.Ayyappadas Founder & Director, Harvey Biomedical, Chennai	10.6.2020	Scope of Mechanical Engineering in Oil and Gas Industry	Mr.C.M.E Fredick, Senior Engineer, Saipam SPA, Kuwait
4.6.2020	Ground Modification and Land Reclamation Techniques	Mr.R.Kesavaram Geotechnical Engineer, DR Builders, Chennai	11.6.2020	Recent Trends in Business	Mr.K.Vinoth, Manager, Aram Health Care, Chennai
5.6.2020	Software Testing in Industrial Sector	Mr.M.Devibalan Director Syasans Career Analytics, Chennai	12.6.2020	How Ethical Hacking plays a major role in Computer Applications	Mr.D.Ragupathi Senior Team Manager, TCS, Chennai
6.6.2020	COVID 19	Mr.Mohammed Sulaiman, Vice President E-Zone, Chennai	13.6.2020	Career Guidance in IT Sector for Engineering Graduates	Ms.E.Dhanalakshmi TCS, Pune, Maharashtra
	Find Your Own Way	Ms.Kirthika Arunkumar Iyer IG Group, Manager- Incident, Bengaluru.	14.6.2020	Industrial Scenario for Engineering Students	Mr.Asthosh Kumar Area Manager, Fein Power Tools Ahmadabad
	Skills for Engineers	Mr.Nadar Navin Kumar Senior Quality Assurance Analyst, Amazon, Chennai	15.6.2020	Need of the Era for faculty members	Mr.P.Charles Godwin Hr Leader and Speaker, ZOHO Corporation, Chennai
8.6.2020	Career Opportunity in Electrical Engineering	Mr.S.Velu Manager- SCM, Smart Innovations India Pvt .Ltd. Bangalore			

Ample of FDP , Webinar,workshop & E-Quiz posters were floated in social media during COVID 19 Lockdown period

Faculty Development Programme (FDP) was planned and organized by the Departments of IQAC, PG studies (Engineering) and MBA.

Faculty Development Programme (FDP) : By IQAC, PG Studies & MBA

Date	FDP Title	Resource Person	Session Topic
6-6-2020	Modern Psychological Training Approach to enhance e-learning	Mrs.S.Narmadha, Head, TCS Talent Development, Bangalore	Accelerated Training Methods using Human Psychology
		Dr.S.Padmavathi, Thiagarajar College of Engineering, Madurai	Challenges of using ICT in TLP
		Ms.A.S.Gousia Master Trainer in Learning and Development	e-Learning Methodologies
6-6-2020 to 8-6-2020	Engineering Technologies in the recent Scenario	Dr.B.Revathi Dhanalakshmi Srinivasan College of Engineering and Technology, Chennai	Scope of Biometrics - Post COVID 19.
		Dr.B.Suganthi Dhanalakshmi Srinivasan Institute of Technology, Tiruchirappalli.	5G Communications
		Er.S.Prasath, Data Software Research Pvt.Ltd, Chennai	Cloud Computing
		Er.S.Sivabalan, Project Manager, TCS-Chennai	Infrastructure Management
		Dr.N.Shenbagavadivu, Anna University(BIT campus), Tiruchirappalli.	Internet of Things
		Er.N.Meeravadivu, Lead Manager, L&T-Chennai	Internet of Things Projects
12.06.2020	Teacher the ultimate	Prof.M.Padmanaban Former-HOD Sree Ramu College, Pollachi	Teacher the Ultimate
		Dr.A.Muthusamy Associate Professor, Alagappa University, Karaikudi	New Challenges in International Trade.

Workshop: Organised by the UG Engineering Programme

Date	Title of Workshop	Resource Person	Session Topic
1.6.2020	Animations made Easy	Rtn.P.P.R.N.Karunanidhi Multimedia Graphics Consultant, RNK Associates, Madurai	2D & 3D Design
16.6.2020- 18.6.2020	Bio Informatics Antenna System Design	Er.P.Mahalakshmi, Senior Researchist,WCG-Asia	Antenna Aspects in Biomedical
		Mr.S.Allen, Technical Team,WCG-Asia	Bio Applications Design
		Er.M.Vinoth Co-Founder,WCG-Asia	Antenna Design-ANSYS

- ✚ **E Quiz** had been conducted by **each department** related to their department and general aspects.

Dept	ECE	CIVIL	CSE/IT	AERO	MECH	Physics	Chemistry	English	Maths
No. of Students Registered	558	333	722	150	492	313	336	137	339
No. of e-Certificates issued	549	302	500	76	457	100	100	100	100

- ✚ Apart from the engineering quiz, a general quiz named **“The Mind Fizz”** had been organized for **XII Students** in the **subjects of Maths, Physics and Chemistry** from 20.6.2020 to 22.6.2020. 942 students registered for Quiz and **e-certificate was issued to 772 students**.
- ✚ From 25th June to 30th June, 2020; **IQAC along with E- club and Water Club** organized **E-Quiz on Enrichment in Learning and Save Water – Save Life** phenomena respectively.
- ✚ **DSEC Student Connect Campaign (DSCC)**: Students of DSEC of all years had been connected through **online mode** to discuss about criteria like **safety aspects, exam preparation, quiz participation, online course** and so on.
- ✚ **NSS Event**: On 10.6.2020, **Health Awareness Programme** was organized in Central Library. The **Hand gloves, mask and sanitizer** were distributed to the available **faculty members, Technical staff and workers** by the NSS Team, as safety precautionary aids on 10th June, 2020.



COVID 19 : Health Awareness Programme by NSS Team

- ✚ **Higher Education awareness Programme**: **Dr.S.Durairaj /Principal** addressed the Dhanalakshmi Srinivasan Higher secondary school students, to deliver the **safety methodologies during COVID 19** and also **awareness about Higher Education**. The Snippets of DSEC Highlights and What next after 12th were distributed to the students.



Higher Education Awareness Programme during COVID 19 Lockdown period

*Let's all as a DSEC Team,
work with great zeal towards more
achievements in the future.*



DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE



APPROVED BY AICTE AND AFFILIATED TO ANNA UNIVERSITY, CHENNAI

ACCREDITED WITH 'A' GRADE BY NAAC

ACCREDITED WITH NBA (BME,ECE AND EEE)

PERAMBALUR

UG Programme

- B.E Aeronautical Engineering
- B.E Aerospace Engineering
- B.E Bio Medical Engineering
- B.E Civil Engineering
- B.E Computer Science & Engineering
- B.E Electrical & Electronics Engineering
- B.E Electronics & Communication Engineering
- B.E Mechanical Engineering
- B.E Robotics & Automation
- B.Tech Artificial Intelligence & Data Science*
- B.Tech Information Technology
- B.Tech Pharmaceutical Technology
- B.Tech Chemical Engineering
- B.Tech Food Technology

PG Programme

- M.E CAD/CAM
- M.E Communication Systems
- M.E Computer Science & Engineering
- M.E Power Electronics & Drives
- Master of Business Administration
- Master of Computer Applications

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