

Admin Related Info Sharing in Engineering

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Issue 1

Recognition 1 - India-Taiwan Project sanctioned to SSNRC

Dr M. Srinivasan, Research Scientist has received an India-Taiwan joint research project proposal titled “Development and Growth of industry scale DS and CCZ silicon ingots for PV Applications”, for a total funding of Rs.11,91,500/-. This is funded by DST and Indian National Academy of Engineering (INAE). The duration of the project is for 3 years, with effect from August 17, 2023. He will be collaborating with Prof Chen Jyh-Chen. Department of Mechanical Engineering, National Central University, Taiwan.

Recognition 2 – Dr.Anandhababu gets an Indo Japan project

DST has a program called SIRE-SERB International Research Experience.

Dr.Anandha Babu of Physics dept had applied for this program and has now been selected, to collaborate with Kumamoto University, Japan, under Prof.Hiroki Matsuo.

Recognition 3 – NSS Unit of SSN College Receives Madras Maanikangal Award

The NSS Unit of SSN College has been honored with the prestigious Madras Maanikangal Award at the esteemed 'Madras Maanikangal' Award Ceremony, hosted by the Environmental Foundation of India (E.F.I) on 22nd August 2023.



This recognition stands as a testament to our collective commitment and unwavering dedication to the betterment of our environment. Dr P. Kaythry, NSS Programme Officer, has been acknowledged for her exceptional contributions to community service and environmental stewardship. This recognition reflects the tireless efforts of each member.

Vice Principals Office



Research and Project related activities

- One to one meeting was conducted with all faculty members who are yet to become Supervisors of Anna University. [8-8-2023]
- Conducted PhD viva voce examination for the Full-Time PhD candidate Ms. R. Kirithika [10-8-2023]
- Conducted Research seminar for the Full-Time PhD candidate Ms. K. Vijayalakshmi [26-8-2023]
- Presented SSN research overview to RAC members [27-8-2023]

Industry related activities

- Attended IEEE Exec committee meeting [26-8-2023]

Other activities

- As an external examiner conducted viva voce examination for M.E. (Communication Systems) students at CEG, AU. [4-8-2023]
- SNU C & SSN CE hostel admission process coordinated along with the hostel management teams. [17, 18, 24 & 25-8-2023]
- As an interview panel member attended the SNU C faculty selection [30-8-2023]

Calendar of Events

The whole of the month was tied up with preparations for Academic Council and RAC meetings.

Date	Event
7	Result Passing Board meeting
11	SPURS orientation
18	Drexel orientation SACE
22	SPURS class on “English without grammar”
23	Academic Council meeting
25	KTS in L&T webinar First Year Orientation
27	Research Advisory Council meeting
28	Active Learning review

Aug 7 - SPURS Orientation

The Rural school students are usually called two weeks in advance, for training them on English. This year’s SPURS team was invited for orientation on Aug 11th. *Detailed report in write up section.*

Aug 18 - Drexel orientation SACE

The School of Advanced Career Education conducted orientation program for the first set of students joining the Collaborative Masters course in Drexel University. Several students of BME have opted for this program.



Aug 22- SPURS class on English without grammar

We learn to speak Tamil without learning the grammar. Grammar is learnt later. Whereas, English is started with Grammar and then we try to speak. This is one of the reasons for difficulty in speaking English. Using Sentence Pattern Method, the way to pick up English, in the same way as we learn to speak Tamil- was introduced to the students by Prof VEA.

This involves, identifying what words we know in Tamil and then learning their equivalents in English. This helps building a customised Tamil to English dictionary for all known words in Tamil. Instead of learning new words, one first develops English words for all known words. The second part is to understand the difference in sentence making patterns between English and Tamil. This exercise is known to improve Speaking confidence of students, without too much worry on Grammar.

Aug 23 – Academic Council meeting

Academic Council meeting was conducted on Aug 23. The Council discussed and approved the curriculum for the new Integrated Masters program in Computer Science and Engineering. They also ratified the changes mandated by recent amendments by Anan University, on the Honours and Minor tracks.

Aug 25 – SSN Faculty in L&T Webinar

Prof KT Selvan of ECE dept delivered a lecture in the L&T webinar on the 25th of August, organized by the Griffith School of Engineering and Built Environment (Australia) and SSN College of Engineering (India). Title: Reimagining Assessment for Higher Education in India

The talk is available at the following YouTube link:

<https://www.youtube.com/watch?v=90E8w3BFavM>

Aug 25 Orientation for First years

The fresh batch of students of 2023-24 had their orientation on Aug 25. They will undergo two weeks of Orientation program comprising of motivational sessions, introductory sessions to aspects of learning in SSN and an assessment / training program in Languages.

Aug 27 Research Advisory Council meeting

Prof Raj Reddy and other members of the Research Advisory Council were in campus on 27th to review our Research progress and suggest improvements .

They have offered several suggestions, which have been shared by President to the heads of departments, for actions.



Aug 28 Active Learning review

Initiated by Pro Raj Reddy during his last visit in November 2022, the concept of Active Learning was taken up for training. Co ordinated by Dr.Albal, training was offered to several faculty by Prof Preveen Garimella of ISB. The progress was shared with RAC members on Aug 28.

The faculty who implemented have shown that students like the approach very much. It has been decided that all faculty should learn to use digital intervention methodologies to take mid class feedback on the learning level of students.

Admin Data

Scholars who have completed Viva Voce in August 2023

Sl. No.	Name of the Supervisor	Dept.	Name of the Scholar	Full Time / Part Time	Date of Viva Voce
1	Dr.S. Radha	ECE	Ms. R. Kiruthika	Full Time	10.08.2023
2	Dr. D. Ananthapadmanaban	Mech.	Mr. D. Arthur Jebastine Sunderraj	Part time	18.08.2023
3	Dr. D. Balaji	Chemical	Ms V. Dhanya	Full Time	02.08.2023

List of Research Scholars who Completed Scrutiny No Dues – August 2023

Sl.No	Name of the Guide	Dept	Name of Research Scholar	Full Time or Part Time	Date of No Dues Completion
1	Dr. K. Jayakumar	Mech	Mr. Ramarajan	Part Time	11.08.2023
2	Dr. G. Satheesh Kumar	Mech	Mr. D. Arun	Full Time	11.08.2023

Patent Activity Report [from Dr. S. Suresh kumar]

1. Details of filed patent: C- intelligence has filed the following patent application

Sl. No	Department	Title of the patent application
1	Mechanical	Earth Auger with integrated toolbox
2	EEE	Synchronous Reluctance Motor with Improved Rotor Design
3	Chemical	Hydrophobic Deep Eutectic Solvents on Selective Removal of Cadmium Ion from their Aqueous solution

2. New applications approved: SSN Patent team has successfully processed and cleared the following patent application for filing.

Sl. No	Department	Title of the patent application
1	Physics & Mechanical	Fabrication of printable assembly of flexible super capacitors (FSCs) based on vanadium hexacyanoferrate (VHCF) / polymethylmethacrylate (PMMA) nano composite for wearable electronics through a solution-based printing technique.

Writeup section

Report on SPURS training

SPURS (Scholarship for Potential Undergraduate Rural Students) is a flagship philanthropic initiative of SSN. Every year 25 students who are toppers from government high schools in rural areas are admitted under SPURS. A two-week Orientation Program was conducted from 11.08.2023 to 24.08.2023. The main goal of this program is to enhance their English speaking skills and develop their personality traits. This preparation aims to smoothly incorporate them into the larger eclectic group within the College.

The English department faculty engaged them both in the forenoon and afternoon sessions. Dr. Princely Samuel, Director of Training and Placements, Loyola College, Chennai, trained them with various language-learning activities and language games and ingrained in them the mantra “to speak without fear and shame”. During the last hour in the afternoon, the students were introduced to the various facilities available in the college. They were taken on a tour of the library, the medical and the Sports facilities.

Dr. Jayakaran Amalraj, the First-year-in-charge, the Doctor on Campus, Dr. Sachin S, the student counsellor, Dr. Nanda. S and Dr. Praba, HoD, Maths, met them for a session each. The coordinators of YRC, Dr. Thiyagaran V and team, and NSS, Dr. Kaythry and team encouraged them to take up several outreach programs to render service to society and impact lives. Dr. Murugesan, the faculty-in-charge of SPURS made sure that they had adjusted well to the new setting and college life as for most students this was their first time away from home and their families.



The Principal, Prof V.E. Annamalai, conducted a practical session on how to master English without learning grammar, which was very well received. The senior SPURS batch gave several useful tips about life at SSN. Mr. Ajith Austin, one of the scholarship students from the passed-out batch of SPURS addressed them on the 14th and inspired them to reach for the stars. Jamuna, another SPURS awardee, narrated her story, of receiving a monthly package that was several times more than the annual salary of her household.

The highlight of this training program was the trip to Mahabalipuram. On the 15th of August after participating in the Independence Day flag-hoisting ceremony, the group accompanied by Dr. A. Chandrasekar of the Physics department, went on a sight-seeing journey. It was an exciting, fun-

filled day, which they said, they would never forget. They took plenty of selfies, posed in front of monuments, sang songs in the bus, had ice cream and a lot of fun, creating precious memories.



This year, the Lateral entry students also joined with SPURS students for the training and this enriched the teaching-learning atmosphere. On 24.08.2022, during the Valedictory meeting, they gave plenty of positive feedback about the entire training program and expressed gratitude for the opportunity to study at SSN, which was a dream come true.

Admin Team Activities

Mr. R. Gopalakrishnan

- Coordinated in the conduct of Academic Council meeting, Research Advisory Council Meeting and first year Orientation
- Coordinated in the preparation of FIST proposal presentation

Ms. R. Sujatha

- Completed admissions under Single Window for first year UG students
- Completed admissions under Single Window for second year lateral entry students

Mr. A. Chakkarapani

- Issued ID card to the following students [Total 170]:
 - SPURS,
 - Lateral Entry
 - MSBME (SACE)
 - Business Analytics and Data Science (SACE)
 - M.E./M.Tech.
- Preparation of ID cards for first year UG student is under progress
- Issued Bonafide certificate to 180 students

Mr. R. Naveenkumar

- Attended the Aadhaar Biometric authentication camp for minority scholarship along with the Principal at Madhuranthagam
- Completed biometric authentication for students who have applied for scholarship under minority scholarship.
- Renewal of scholarship under 7.5% category is completed for III year students

Mrs. S. Karpagam

- Prepared PG offers and completed PG admissions
- Completed refund process for first year withdrawals
- Issued TC, CC and CCC to 140 Alumni of 2023 batch

Mr. M. Arunkumar

- Completed consortium application process for all the PG admits
- Prepared documents for IEI Award
- Coordinated in the ID card printing process

Mr. Gajendra

- Consolidated the last five year data on Feedback for NAAC
- Completed the joining formalities for 21 Ph.D. admissions
- Completed on board process for 10 Teaching staff and 4 Non-Teaching staff
- Issued relieving orders to 1 faculty and 9 research staff

Mrs. A. Kavitha

- Coordinated in the conduct of Research Advisory Council Meeting
- Coordinated in the preparation of FIST proposal presentation

Compiled by admin team and released by VEA . For feedback, write to annamalaive@ssn.edu.in
