



NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)



DEPARTMENT OF AGRICULTURAL ENGINEERING

INDIVIDUAL FACULTY DATA SHEET

Name of the College : Nandha Engineering College
Name of the Department : Agricultural Engineering
Name of the Degree & Course : B.Tech
Name of the Faculty Member : Dr. Suvain K. K.
Regular or Adjunct : Regular
Designation : Assistant Professor
Mail Id : suvainkk@nandha engg.org
Gender : Male
Faculty code given by COE :
Date of Joining the present Post : 30/05/2022
Scale of Pay : 15600-39100



Educational Qualifications:

Category	Name of the Degree	Specialization	Years of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B. Sc.,	Agriculture	2016	Annamalai University	Annamalai University	86.80	First
PG	M. Sc.,	Agriculture - Agronomy	2018	Annamalai University	Annamalai University	91.40	First
Ph.D	Ph. D.,	Agriculture - Agronomy	2022	Agricultural College and Research Institute	Tamil Nadu Agricultural University	87.40	First

NET Exam:

Qualified ICAR – ASRB, National Eligibility Test on 2021

Title of M. Sc Thesis : Evaluation of Irrigation Scheduling and Weed Management practices on growth and yield of Cowpea

Title of Ph. D Thesis* : Crop Residue Management under Rice based Cropping System in *Periyar-Vaigai Command* area

Faculty in which Ph. D was awarded : Agronomy

Academic Experience:

Name of the college	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Nandha Engineering College, Erode	Assistant Professor	30.05.2022	-	01	01	00

Research Publications:

Suvain, K. K. and Kalaisudarson, S. "Evaluation of Irrigation Scheduling and Weed Management Practices on Growth and Yield of Cowpea", *Multilogic in Science*, Vol. VIII, special issue (A), pp: 282-284, August, 2018.

Suvain, K. K. and Kalaisudarson S. "Effect of Irrigation on Weed dynamics and yield of cowpea", *International Conference on Sustainable Management of Water Resources in India*, pp: 224 – 226, 2019.

Kalaisudarson, S., Srinivasaperumal, A. P., Saravanaperumal, M., Sivakumar, G., and **Suvain, K. K.** "Effect of Irrigation and Weed Control Practices on Yiled Of Cowpea", *International Journal of Research and Analytical Reviews*, pp: 386 – 390, 2019.

Suvain, K. K. and Kalaisudarson, S. "Influence of Irrigation Scheduling and Weed Management Practices on Growth Attributes of Cowpea", *Plant Archives*, Vol. 21, No. 2, pp: 827-830, 2021.

Suvain, K. K., Paulpandi, V. K., Srinivasan, G., Subramanian, E., Indirani, R. and Prabakaran, K. Evaluating the incorporation method of crop residues and its impact on soil biological and chemical properties through decomposition. *The Pharma Innovation Journal*, SP-10(12): 1667-1671, 2021.

Suvain, K. K., Paulpandi, V. K., Srinivasan, G., Subramanian, E., Indirani, R. and Prabakaran, K. "Influence of Crop Residue, Inorganic Fertilizers and Vermicompost on the Growth, Yield and Yield attributes of Blackgram under Rice - Blackgram System. "Biological Forum – An International Journal", 14(1): 794-799, 2022.

Review Articles:

Ariraman, R., **K. K. Suvain**, Y. Anitha Vasline, S. Sowmya and M. David Israel Mansingh. Zinc application on growth, yield parameters, yield, quality, nutrient uptake and economics of groundnut. *International Journal of Chemical Studies*, Vol. 8(6), pp: 892-896, 2020.

Ramamoorthy, P., R. Ariraman, **K. K. Suvain**, S. Selvakumar and M. Karthikeyan. Effect of Sulphur Levels on Growth, Yield Parameters, Yield, Nutrient Uptake, Quality and Economics of Sunflower: A Review. *Agricultural Review*, pp. 2250, 2021.

Popular Articles

வறட்சியின் வகைப்பாடு மற்றும் பயிர் தழுவல் - பகுதி 1

வறட்சியின் வகைப்பாடு மற்றும் பயிர் தழுவல் - பகுதி 2

வறட்சியின் வகைப்பாடு மற்றும் பயிர் தழுவல் - பகுதி 3

National/International Conferences :

Suvain, K. K. and Kalaisudarson, S. 28th National Conference on Farmer's Friendly Soil and Water Conservation Technologies for Mitigating Climate Change Impact, entitled "Studies on the impact of irrigation scheduling on weed dynamics and yield of cowpea" held at ICAR - IISWC, Regional Centre, Udthagamandalam, 2019.

Suvain, K. K. and Srinivasan, G. National Conference on Climate Smart Agriculture for Livelihood Security: Challenges and Opportunities, presented entitled "Innovations In Natural Resources Management Crop Residue Management under Rice Based Cropping System in Periyar Vaigai Command Area" held at Anbil Dharmalingam Agricultural College and Research Institute, TNAU, Tiruchirapalli, 2019.

Suvain, K. K. and Srinivasan, G. Global Rice Conference 2021 - Deliberation on Advance Rice Research, presented poster entitled "Enhancement of Rice Residue Decomposition through Bio-inoculants" held at IIFPT, Thanjavur, 2021.

Suvain, K. K., Vasuki, A., Paulpandi, V. K. and Srinivasan, G. International Conference on Recent Advances in Agricultural, Biological and Applied Science Research, presented entitled "Enhancing the In-Situ Decomposition of Crop Residues with the Application of Bio-Inoculants" organized by Society for Biotic and Environmental Research held at Nowgong College, Nagaon, Assam, 2022.

Suvain, K. K., Prawin, A., Srikarthi, G., Pradeep Kumar, S. and Praveen Kumar, V. International Conference on Innovative Engineering and Information Technology, presented entitled "A Review on Performance and Operation of Grass Cutter" organized by Sri Sai Ranganathan Engineering College, Coimbatore, 2023.

Suvain, K. K., Selvakumar, P., Thillaiarasan, S., Elankeeran, V. and Elango, K. International Conference on Innovative Engineering and Information Technology, presented entitled "Performance and Evaluation of Power Weeder – A Review" organized by Sri Sai Ranganathan Engineering College, Coimbatore, 2023.

Area of Expertise :

S.No	Subject of Area
1.	Irrigation management
2.	Weed management
3.	Cropping system
4.	Soil fertility

Invited Guest Lectures Delivered

S.No	Topic	Venue	Date
1	Introduction to IPR	Erode Sengunthar Engineering College, Erode	26.06.2023
2	Vermicompost Technology	Mahendra Engineering College, Namakkal	17.11.2022

Farmers Training

- Involved in the farmers awareness camp conducted by Government Agricultural Department under the topic "**Integrated Pest and Disease Management on Coconut**" at Sengarapalayam Village, Modakuruchi Block, Erode on 26.04.2023.

Books Chapters Published

S.No	Title	Author	Publication	Year/Month
1	Sea Weeds: Can We Utilize/Manage Agronomically?	Suvain, K. K. , M. Aasif and T. Ragavan	Intergrated Publication	2022
2	Methods of Weed Control – Chemical and Biological methods	Suvain, K. K.	Scientific Publication	2022

Awards :

S.No	Awards
1	Suvain, K. K. 2022. The Executive Council of Society for Biotic and Environmental Research (SBER) conferred " The Best PhD Thesis Award " and " Best Oral Presentation Award " during the Biotic Science Congress (BioSCon, 22) & International Conference on Recent Advances in Agricultural, Biological and Applied Science Research held at Nowgong College, Nagaon, Assam.
2	Suvain, K. K. 2023. TRIARD, Roever Agricultural College, TNAU conferred " Best Young Scientist Award " during the National Seminar on Technological Influences on Phyto-biotic Stress Management held at Perambalur, Tamil Nadu.

Faculty Development Programme Undergone

Successfully completed Six Days Faculty Development Program on "**Smart Waste Management – 2022 (SWM 22)**" organized by the Department of Chemical Engineering, SRM Institute of Science and Technology, Chennai in 2022.

Successfully completed One Week **Faculty Development Program**, jointly organized by SKUAST, Kashmir and Just Agriculture group in 2022.

Additional Qualification

- **DCA** (Diploma in Computer Application) with "**A**" grade
- Completed degree course in **Hindi** and a basic course in **Sanskrit**
- **Diploma in Livestock Product Technology** with First class Distinction
- **Diploma in Agri-Business Management** with Second class Distinction
- **Diploma in Ornamental and Landscape Gardening** with First class Distinction
- **English type writing** in Junior grade with First class Distinction
- Completed **training** conducted by **National Institute of Agricultural Extension Management** under **Agri-clinic and Agri-business Centres** Scheme of Govt. of India

Academic Records

- **Zonal level quiz** competitions conducted by **ILM's** Bangalore.
- Quiz and **National Scholarship Test** conducted by **T.I.M.E** Institute with the *Guinness World Records*.
- **ANVESHAN 2018**, a research convention program (zonal level held at Coimbatore) and selected for the **National Level** (participated) held at Punjab conducted by AIU, New Delhi.

UG Projects guided

- Design and Modification of Single Row Ridge and Furrow Power Weeder
- Design and Fabrication of the Low-Cost Hand Operated Grass Cutter