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Love All
Serve All

Help Ever
Hurt Never



(Deemed to be University)
Prasanthi Nilayam

National Startup Day Celebrat

JANUARY 2025





(Deemed to be University)
Prasanthi Nilayam

National Startup Day Celebrati

JANUARY 2025





Sri Sathya Sai Institute of Higher Learning
(Deemed to be University)
Prasanthi Nilayam



National Startup Day Celebration

JANUARY 2025





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National Startup Day Celebration

JANUARY 2025



startup

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by Sudip

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Salient Achievements

(2017-2024)

COVID Detection Kit

- **(First Academic Institution to get ICMR approval for Covid-19 testing)**

Sensitivity: 84% and Specificity: 100%

Autologous Chondrocyte Implants

- At Rs. 40,000 (Cost of total Knee replacement as on this date is Rs. 2.5 Lakhs)
Better prognosis and normal life.

AI driven Culture free Diagnostic tool

World first Culture free, Diagnostic tool

Being implemented in the AP Govt's Dr. Care portal

Gam

- Cancer treatment Rs. 40-50 Lakhs (Commercial Equipment Cost: 2 Crore)
Portable and additional feature include fluorescence module

FO-Fluorescence

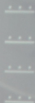
- Helps to detect cancer at the same time.
- DST web



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Synthesis of novel pH-independent, eco-friendly and economically viable PVA based adsorbents for water treatment

Department of Chemistry, SSSIHL, Anantapur Campus
Faculty: Prof. Rajni Bhandari

Publications (last 5 years):

1. Sai Kiran M, Prathyusha V, Rajni Bhandari*, 2022. Experimental and computational investigation of divalent, trivalent, and tetravalent metal ion complexes of polyvinylalcohol as adsorbents for fluoride remediation. *J. Mol. Struct.*, 1252, 132139.
- Sai Kiran M, Rajni Bhandari*, Anita Nehra, Sai Manohar C, Sivakumar B, 2021. Zirconium-Cerium and Zirconium-Lanthanum complexed polyvinyl alcohol films for efficient fluoride removal from aqueous solution, *Journal of Dispersion Science and Technology*, 429 (10), 1550-1565.
- Sai Kiran M, Rajni Bhandari*, Anita Nehra, 2021. Self-assembled cylindrical Zn(IV), Fe(III) and Cu(II) impregnated polyvinyl alcohol-based hydrogel beads for real-time application in fluoride removal. *Colloids Surf. A Physicochem. Eng. Appl.* 610, 125751.
- Sai Kiran M, Rajni Bhandari*, 2022. Microwave-assisted synthesis of self-assembled network of Graphene oxide-Polyethylenimine-Polyvinyl alcohol hydrogel beads for removal of cationic and anionic dyes from wastewater. *Journal of Molecular Liquids*, 345, 117809.
- Sai Kiran M, Rajni Bhandari*, 2022. Efficient fluoride removal by fixed-bed Cu(II) complexed PVA hydrogel beads.

SSSIHL



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2025













Archana KAMLAKAR

- Technology Product Strategist | ITSM Strategy | Certified IT Service Trainer
- Over 15+ years of Corporate Experience with Multiple Organizations in Product & Project Management
- 2008 - 2010: Leadership with IBM - Member in Leadership - ITSM, Product Management

Product Based Organizations	Service Based Organizations	Startups
IT Manager (IBM)	Accenture	Country
Product Management Operations (IBM)	Infosys	Health
Product Manager		Start-ups







































ePeriop

- Provides a comprehensive overview of the user's current health status
- Enables patients to track their health over time
- Provides a secure platform for data storage
- Enables patients to access their data from any device
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A Network One