



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 3

RESEARCH, INNOVATIONS AND EXTENSION

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





Criteria 3	Research , Innovations and Extension	110
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Key Indicator 3.2- Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation center facilities in the HEI to be considered)

S.No	Title of the Patent Applied	Department	Patent Document No
1.	Sensor Based Robot For Uv-C Disinfection	Chemistry	6296264
2.	New Copper Catalysts For High Efficiency Click Chemistry Reactions	Chemistry	2023410666666
3.	Analysis Of The Impact Of Bismuth Ferrite Perovskite Based Advanced Nanomaterials With State Of The Art Photo Catalytic Performance In Water Clean Up Through Deep Learning	Chemistry	202311054377
4.	Development Of Solar Cum Human Powered Agro Vehicle	Chemistry	202341034263
5.	An Automated Embedded System Based Cloth Pressing Techniques	CSE	202141008637 A
6.	Stereo Vision Based Electronic Travel Aid	CSE	202141042390

7.	Development Of Plouging And Seed Sowing Robotfor Groundnut Crop	MECH	202141040900
8.	Bundmakingmoblemanipulatorforpaddycultivation	MECH	202141034652
9.	Smart Dust Collecting Servant Robots For Dinninghalls,	MECH	202141003321
10.	Qis Direct Seed Sowing Walker Robot For Paddycrop,	MECH	202141003321
11.	Novel ploughing machine for crops from bike engine	MECH	202041055477
12.	Vehicle To Vehicle Interactive Induction Charging For E-Mobility	CSE	202241006662
13.	Smart Network Optimization Technic Pechnique To Redrieve Data Overcloud By Uploding The Related Images	Chemistry	202141001093
14.	Deep Learning Based Techniques Integrated With Nanotechnology Approach To Study The Effect Of Topical Creams For Treating Blood Cancer Nodes	Chemistry	202141008637
15.	IOT Based Real Time Health Care System Enable By Wearable Sensor Network	Chemistry	202111002807
16.	Vehicle To Vehicle Interactive Induction Charging For E-Mobility	Chemistry	202241006662
17.	A Smart Vehicle Running By Renewable Energy Sources	Chemistry	202241014136
18.	Deep Learning Based Techniques Integrated With Nanotechnology Approach To Study The Effect Of Topical Creams For Treating Blood Cancer Nodes	Chemistry	202241047319
19.	Techniques Of Green Fabrication Of Stable Lead Free Bismuth Based Perovskite Solar Cells Using A Non Toxic Sovent	Chemistry	202341003877