

**KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)**

(Sponsored by: S.K.P.V.V. Hindu High Schools' Committee)

Kothapeta, VIJAYAWADA – 520 001

*"A College with Potential for Excellence" (UGC-CPE Status)*

Affiliated to KRISHNA UNIVERSITY, Machilipatnam

**ISO 9001-2015 CERTIFIED INSTITUTION**      Reaccredited with "A++" Grade by NAAC in Cycle 4



The following applications have been identified for submission; (Expand table as per the number of all submitted patents).

Sl. No.	Title	Inventor Name (Mention whether faculty or student)	Co- Inventor Name	Department	Contact No.	Email	Accepted (A) / Rejected (R)
1	Synthesis and Characterization of NiO-Based Nano structures for Enhanced Photocatalytic Activity	Dr.G.Krishnaveni- Faculty	1.Dr.T.V.Naga Lakshmi 2.Dr.S.Sonadevi 3.Dr.T.Rajaraman 4.Dr.P.Rajendra 5.Dr.N.R.Rajagopalan	Chemistry	9491130111	gkveni2003@gmail.com	(A)
2	Tailoring NiO nanostructures for green energy generation and environmental cleanup	Dr.T.Bhagya Kumar- Faculty	1. Dr. T.V.Naga Lakshmi 2. Dr.Srinivas Ganganagunta 3. Dr.Asish Verma 4. Mrs.Abha Gupta 5. Dr.A.Rambabu 6. Dr.N.R.Rajagopalan	Chemistry	9390854548	tbhagyakumar@gmail.com	(A)
3	Advanced Graphene – Based Nanostructured Sensors for High – Sensitivity Gas Detection in Industrial Environments	Dr.K.Kiran Kumar- Faculty	1.Dr.M.Kalyan Raju 2.Dr.Arvind Kumar Tiwari 3.Sri.G.ManikyaRao 4.Dr.G.J.Naga Raju 5.Dr.V.Naveen Kumar 6.Dr.Rahul Kaushik 7.Dr.Deepak Kumar 8.Dr.Gopalsetti Ratala Satyanarayana 9.Dr.Asish Verma 10.Dr.V.Naga Lakshmi	Chemistry	9440924980	katarekirankumar@gmail.com	(A)

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4	Advanced processor for producing and Analysing Copper oxide nano particles for industrial use	Dr.K.Kiran Kumar- Faculty	1.Mr.M.Ranjeeth Reddy 2.Dr.Nellore Manoj Kumar 3.Dr.K.Sundaresan 4.Dr.B.Uma 5.Dr.Archan Asatkar 6.Dr.M.Reddi Babu 7.Capt.Dr.Veeraiah Adamilli	Chemistry	94409 24980	katarekirankumar@gmail.com	(A)
5	Eco friendly Catalysts : Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -PMA -Cu Nanoparticles for Green Triazole Synthesis	Dr.O.Sailaja- Faculty	1.Dr.M.Kalyana Raju 2.Dr.RKNR Manepalli 3.Dr.Shipra Bhati 4.Dr.G.Nageswara Rao 5.Dr.Suparna Deshmukh 6.Dr.Vasam srinivas 7.Dr.Malla Ram Aruna 8.Dr.Gopiseti Ratala Satyanaranaya 9.Dr.Ashish Verma 10.Dr.CA.Jyothirmayee	Chemistry	99850 19882	sailajabotta@gmail.com	(A)
6	Magic Squire Game	Dr.Satyanarayana Sarma - Faculty	1. Dr.K.Rama Krishna 2.Ms.P.Kalma Begum 3.Mrs.K.Vanama Devi 4.Ms.G.Sita Ratnam 5.Mrs.S.Jaya Bharathi	Mathematics & Statistics	79818 46958	kalmabegum1998@gmail.com	(A)
7	A Device for Teaching Algebraic Expressions and Identities and Method Thereof	Dr.Satyanarayana Sarma - Faculty	1.Dr.K.Rama Krishna - Faculty 2.Ms.P.Kalma Begum 3.Ms.G.Sita Ratnam 4.Dr.P.Seshu Babu	Mathematics & Statistics	79818 46958	Krkrishna2011@gmail.com	(A)
8	An Interactive Geometric Tool for Teaching Right Triangle Theorems and Method Thereof	Dr.Satyanarayana Sarma - Faculty	1.Dr.K.Rama Krishna - Faculty 2.Ms.P.Kalma Begum 3.Smt.K.Vanama Devi 4.Sri G.Suryanarayana	Mathematics & Statistics	79818 46958	Krkrishna2011@gmail.com	(A)