

2016-17

| SI. No | Title of the project | Funding agency | Students | Amount (Rs.) | Guide / Principle investigator |
|--------|---|---------------------------------|--|--------------|---|
| 1. | BIOREACTOR STUDIES ON BIOETHANOL PRODUCTION FROM CRUDE GLYCEROL | KSCST (40S_B_BE_073) | Akshay Achar Dimple D Disha Shetty Nidisha Shetty | 9500 | MR. VENKATESH KAMATH H. & DR. C. VAMAN RAO |
| 2. | PROCESS DEVELOPMENT FOR THE PRODUCTION OF 2G BIOETHANOL IN BIOREACTOR USING ACID HYDROLYSIS OPTIMIZATION OF COCONUT LEAFLET AND COFERMENTATION | KSCST (40S_B_BE_075) | Varun C Anusha M Palan Shama U Rao Aishwarya | 9500 | MR. VINAYAKA B. SHET & DR. C. VAMAN RAO |
| 3. | BIOETHANOL PRODUCTION BY COFERMENTATION OF NON EDIBLE OIL SEED CAKE AND GLYCEROL USING RHIZOBIUM LEGUMINOSARUM AND SACCHAROMYCES CEREVISIAE | KSCST (40S_B_BE_076) | Chandrika D. Sowjanya k Poojary Shreedhanya | 10000 | DR. C. VAMAN RAO |
| 4. | DEVELOPMENT OF BIO-ADSORBENTS FOR THE REMOVAL OF TOXIC CHEMICALS | KSCST (40S_BE_0797) | Ganga Gamana Melita Rashmi R Sulakshana Pai | 6500 | DR. ANIL KUMAR H S |

2015-16

| Sl. No | Title of the project | Funding agency | Students | Amount (Rs.) | Guide / Principle investigator |
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| 1. | BIOSYNTHESIS OF NANOPARTICLES AND THEIR APPLICATION AS CATALYST IN BIODIESEL PRODUCTION | KSCST (39S_B_BE_008) | Ms. Trina Melita Mathias Ms.Revathy Ms.Divya | 7,500 | MS. Sneha Nayak, Dr. C. Vaman Rao |
| 2. | MICROWAVE ASSISTED OPTIMIZATION FOR RELEASING FERMENTABLE SUGAR AND PRODUCTION OF BIOETHANOL FROM COCOA POD SHELLS | KSCST (39S_B_BE_009) | Ms.Rakshith, Ms.Aisha siddik, Ms.Nisha Mr.Vishwas shetty | 6,000 | Mr.Vinayaka B.Shet Dr.C.Vaman Rao |
| 3. | PRODUCTION OF BIO-BUTANOL FROM SACCHARUM SPONTANEUM | KSCST (39S_B_BE_010) | Ms. Sana amin Ms.Anju Ms.Harshakiran | 11,000 | Mr. Sandesh K., Dr. C. Vaman Rao |
| 4. | TO FIND THE EFFICACY OF TRICHODERMAL AND RHIZOBIUM BIOFERTILIZERS USING RESPONSE SURFACE METHODOLOGY (RSM) | KSCST (39S_BE_0278) | Ms. Melita divya sequeira Ms.Swathi Ms.Aishwarya | 4,000 | Dr.Chethan D.M Dr.C.Vaman Rao |

2014-15

| SI. No | Title of the project | Funding agency | Students | Amount (Rs.) | Guide / Principle investigator |
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| 1. | Bio oil production from non edible oil seed cake using oliagenous yeast- <i>rhodotorula glutinis</i> | KSCST (38S_B_BE_039) | Ms. Satish bapat | 9,000/- | Ms. Harshitha |
| 2. | Ethanol production from pure glycerol using <i>Bacillus careus</i> | KSCST (38S_B_BE_049) | Ms. Samiyabanu | 15,000/- | Mr.Venkatesh Kamath |
| 3. | Microbial bioremediation of effluents | KSCST (38S0887) | Ms. Sanjana Chiplunkar, Ms. Shiny Martis, Ms. Aparna Mohan, Ms. Sandhya Kamath | 5,000/- | Dr. C Vaman Rao |
| 4. | Attenuation of <i>Pseudomonas aeruginosa</i> virulence by dietary photochemicals from vegetables as quorum sensing inhibitors | DBT | ---NA--- | 18,41,000/- | Dr. C. Vaman Rao |
| 5. | Investigation on the role of probiotic exopolysaccharides in the prevention of radiation induced injury | DAE | ---NA--- | 22,13,750/- | Dr. Vidya S.M. |
| 6. | Development of Bioadsorbents for the removal of toxicants from industrial effluents. | KBITS | Jane Maurine, Ragini N. A, Saharika Singh | 3,00,000 | Dr. C. Vaman Rao & Dr Anilkumar H. S. |

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| 7 | To find the efficacy of mycorrhizal and Rhizobium biofertilizer using RSM approach. | KBITS | Melita Sequeira, Aishwarya M., Asha. | 3,00,000 | Dr. C. Vaman Rao and Dr. Chetan D. M. |
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2013-14

| SI. No | Title of the project | Funding agency | Students | Amount (Rs.) | Guide / Principle investigator |
|--------|---|----------------|---|--------------|--------------------------------|
| 1. | Biosynthesis of Silver and Gold Nanoparticles using <i>Santalum album</i> | VGST | Ms. Paridhi Damble Ms. Deeksha Hegde | 40,000/- | Dr. C. Vaman Rao |

- **Award of CSIR Senior Research Fellowship (2013-14): Mr. Rajesh K. S.**, working towards his Ph. D., under the guidance of **Dr. C. Vaman Rao**, Prof. & Head, has been selected for senior research fellowship of Rs. 2,16,000 + 20,000 (contingency) by CSIR for the research topic “**A Study of antivenom property of root extract of Coix lachrymajobi on Indian Snake venoms**”.

2012-13

| Sl. No | Title of the project | Funding agency | Students | Amount (Rs.) | Guide / Principle investigator |
|---------------|--|-----------------------|--------------------|---------------------|---------------------------------------|
| 1. | Production of bioethanol and pigments from glycerol-A byproduct of biodiesel by <i>Rodotorula glutinis</i> | VGST | IV semester | 40,000/- | Dr. C. Vaman Rao |
| 2. | Production and distribution of tissue culture plantlets of Banana var. “Grand Naine” for the economic empowerment of rural marginal SC/ST farmers and weaker sections of Udupi District | DBT | ---NA--- | 24,00,000/- | Dr. Vidya S. M |
| 3. | Production of bioethanol from underutilized lignocellulosic residues. | VGST | ---NA--- | 30,00,000/- | Dr. C. Vaman Rao |

2011-12

| Sl. No | Title of the project | Funding agency | Students | Amount (Rs.) | Guide / Principle investigator |
|---------------|--|-----------------------|----------------------|---------------------|---------------------------------------|
| 1. | Production of Hyaluronic acid from solid waste microbes | KSCST | VIII Semester | 5000/- | Mr. Chethan D. M |
| 2. | Ethanol from oil cakes of non-edible oil seeds used in biodiesel production | KSCST | VIII Semester | 5000/- | Dr. C. Vaman Rao |
| 3. | Bioethanol production from agricultural lignocellulosic residues using <i>Pichia Spp.</i> | KSCST | VIII Semester | 5000/- | Dr. C. Vaman Rao |
| 4. | Production of biodiesel from unconventional feedstock of Udupi district | KSCST | VIII Semester | 5000/- | Mr. Venkatesh Kamath |

2010-11

| SI. No | Title of the project | Funding agency | Students | Amount (Rs.) | Guide / Principle investigator |
|--------|---|----------------|----------|--------------|--------------------------------|
| 1. | Preliminary Studies on Antivenom property of root extract on Indian snake venoms (2010-11). | DBT | --NA-- | 03,78,000 | Dr. C. Vaman Rao |

2009-10

| SI. No | Title of the project | Funding agency | Students | Amount (Rs.) | Guide / Principle investigator |
|--------|---|----------------|----------|--------------|--------------------------------|
| 1. | In vivo studies on comparative and synergistic radioprotective effect of stem bark extracts of <i>Ficus recemosa</i> , <i>Madhuca indica</i> and <i>Pterocarpus marsupium</i> based on ethnomedical knowledge to cancer treatment | DAE | --NA-- | 16,16,250/- | Dr. Vidya S. M. |
| 2. | “A Study on Antivenin Property of Root Extract of <i>Coix lachrymajobi</i> for the Treatment of Indian Poisonous Snakes Venoms” | DBT | --NA-- | 14,50,000/- | Dr. C. Vaman Rao |
| 3. | An investigation into bioethanol production | KSCST | --NA-- | 5000/- | Dr. C. Vaman Rao |

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| | from unconventional bioresources | | | | |
| 4. | Removal of heavy metals by <i>salvinia molesta</i> from industrial effluent coupled with bioethanol production | KSCST | --NA-- | 5000/- | Dr. Ujwal P. |
| 5. | Isolation and characterization of therapeutic inhibitors from non-edible seeds | KSCST | --NA-- | 5000/- | Mr. Anil Kumar H. S |
| 6. | Isolation and estimation of lipid from non-edible seeds of coastal belt and their applications | KSCST | --NA-- | 5000/- | Mr. Vinayaka B. Shet |