

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: [www.kscst.org.in](http://www.kscst.org.in) || Email: [spp@kscst.org.in](mailto:spp@kscst.org.in) || Tel: 080-2334 1652,2334 8848/49/40

## 45<sup>th</sup> series of Student Project Programme (SPP): 2021-22

### List of Student Project Proposals Approved for Sponsorship

#### 124. REVA BUSINESS SCHOOL, REVA UNIVERSITY, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	BUDGET RECOMMENDED
869.	45S_MBA_059	CONSUMER PERCEPTION AND BEHAVIOR: E-WASTE AND IT'S RECYCLING THROUGH GEN-Z BY SUSTAINABLE BUSINESS MODEL	M.B.A	MASTER OF BUSINESS ADMINISTRATION	Mr. NAGENDRA S M	Mr. AQUEEB KHAN M Mr. SHAIK MOHAMMED SUHALE Mr. VISHAL R Mr. VISHAL S	7,000.00

#### Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of the above projects will be conducted via online mode during May / June 2022.
- Participation in the online evaluation process is mandatory, failing which the project will be considered incomplete and will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, a softcopy of the report prepared as per the format prescribed by RESPECTIVE UNIVERSITIES shall be uploaded (PDF format in a single file only) in the GOOGLE FORMS provided on the website.
- Any corrections with respect to the names of the guide and students shall be requested at [spp@kscst.org.in](mailto:spp@kscst.org.in).

#### Transaction Details:

NAME OF THE ACCOUNT	DATE OF TRANSACTION	DESCRIPTION	TRANSFERRED AMOUNT
Under Process			

  
Registrar  
REVA University  
Bengaluru - 560 064

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#### 125. REVA UNIVERSITY, BENGALURU

SI. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	BUDGET RECOMMENDED
870.	45S_MSc_111	ASSESSMENT OF POLY ETHYLENE TETRAPHTHALATE (PET) DEGRADATION POTENTIAL OF SELECTED BACTERIA AND FUNGI FROM RECALCITRANT POLLUTED SOIL OF BANGALURU.	M.Sc	BIOTECHNOLOGY	Dr. N M GURUPRASAD Dr. NETHRAVATHY V	Mr. NOEL JACKSON DCOSTA Mr. HEMANTH R.A Mr. PRADEEP N Ms. PUNJAL RUCHITA	12,000.00
871.	45S_BE_1884	EXPERIMENTAL STUDIES ON DEVELOPING LIGHT WEIGHT, SOUND ABSORBING, THERMAL RESISTING MYCELIUM BRICKS FOR ITS MICRO-STRUCTURAL AND MECHANICAL PROPERTIES.	B.E.	CIVIL ENGINEERING	Mr. SINDHOORA C	Mr. BUDDAPRIYA DODDAMANI Mr. KIRAN KUMAR N Mr. VAISHAK M Mr. ANKIT EDWIN TIGGA	7,000.00
872.	45S_BE_2690	REAL-TIME DETECTION OF POACHING IN WILDLIFE RESERVES WITH THERMAL IMAGING AND CNN USING IoT AND ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. KIRAN M	Ms. AISHWARYA GIRISH MENON Mr. ARBAAZ AHMED Ms. ANUSHA S N Mr. A ABHISHEK	6,000.00
873.	45S_BE_2848	TRANSFORMING AGRICULTURE WITH INNOVATIVE METHODS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PALLAVI BIRADAR	Ms. SHIVANGI GUPTA Mr. SESHADRI PAVANI Ms. SUDHA AVVANNI Mr. SHAIK KHADEER BASHA	2,000.00
874.	45S_5E_3929	AUTOMATIC SPEED LIMIT VIOLATION DETECTION AND REPORTING SYSTEM BY USING RASPBERRY PI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. RAGHAVENDRA REDDY	Mr. LANKA SAILENDER REDDY MERVIN JOHN PANICER Mr. M P S S CHAKRADHAR	5,000.00
875.	45S_BE_4346	SMART SPECS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. ARUN BIRADAR	Ms. SHILPA. R Ms. SUJANA A R Ms. SEEMA JATTA NAIK Ms. SHILPA	3,000.00
876.	45S_BE_4809	RETURN PATH NAVIGATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. HARSHINI R	Mr. SAMARTH D VALMIKI Mr. RAGHAVENDRA A Mr. HITENDRA SAI KUMAR Mr. R HEMANTH KUMAR	3,000.00
877.	45S_BE_0782	ADAPTABLE SKATING ELECTRIC VEHICLE FOR PHYSICALLY CHALLENGED PEOPLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. BANSILAL BAIRWA	Mr. SATISH V GOKHALE Mr. YASHWANTH S S Mr. SANJAY M D Mr. SHARANBASAPPA	10,000.00

Registrar

REVA University



878.	45S_BE_4327	DESIGN AND DEVELOPMENT OF LOW-COST SOLAR APPLIANCES USING AN ADVANCED CONTROLLER FOR AGRICULTURE APPLICATIONS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. VIVEKANANDA SUBBURAJ	Ms. LAKSHMISHREE S Ms. ROHINI SHRISHA S Ms. LAVANYA MK Ms. KAMSALA K	10,000.00
879.	45S_BE_0017	MULTIPURPOSE BATTERY SWAPPORT AND CHARGING STATION FOR AUTONOMOUS DRONES IN DEFENCE AND E-COMMERCE SECTORS.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. M DEVANATHAN	Ms. A G ANJU Mr. AKASH G Mr. ARJUN S Mr. ASHWIN ALEX GEORGE	8,000.00
880.	45S_BE_1192	SMART SWACHHTA SWAYAM VIDYUT (3S2V)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. R C BIRADAR Dr. SHRIKANTH S TANGADE	Mr. AMARESHWAR KARATAGI Mr. BABU PETER R Mr. SHUBHAM R	8,000.00
881.	45S_BE_2016	AEROLAR ARECANUT HARVESTER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. NATARAJ URS H D	Mr. GANESH H R	8,000.00
882.	45S_BE_2818	IOT BASED MAINTENANCE OF SMART GRID	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. CHAYA RAVINDRA	Mr. SAI KIRAN M U Mr. SYED ARFATH Mr. ARIPI SUMANTH Mr. SYED ARSALAAAN	8,000.00
883.	45S_BE_2948	FIRE EXTINGUISHER DRONE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VENKATESHAPPA	Mr. SHAIK ADIL NADEEM Mr. SHAIK MOHAMMED NOOR Mr. SHASHANK VENKATESH Mr. SHIVA KUNDAN P R	8,000.00
884.	45S_MTech_050	DESIGN AND DEVELOPMENT OF X BAND MONOPULSE COMPARATOR FOR DRONE DETECTION AND TRACKING RADAR	M.Tech	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RASHMI PRIYADARSHINI	Mr. ANILKUMAR HANAMANTH LAMANI	12,000.00
885.	45S_BE_3216	VOICE CONTROLLED MULTI-UTILITY VEHICLE USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAGHU K	Mr. ANKIT KUMAR Mr. AMAN SAINI Mr. AYUSH KAUSHIK Mr. MAYANK PRASAD	5,000.00
886.	45S_BE_3332	DEVELOP AN ANDROID APPLICATION FOR SENIOR CITIZEN PENSIONERS TO GENERATE DIGITAL LIFE CERTIFICATE(JEEVAN PRAMANA) USING FACE RECOGNITION TECHNIQUES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MD. TAUSEEF	Mr. SOHAN VISHMITH D SOUZA Mr. MOHAMMED ASHWAQ KHAN Mr. MOHAMMED LAYEEQ AHMED Mr. SAKTHIVEL.M	5,000.00
887.	45S_BE_3999	SOLAR POWER WATER TRASH COLLECTOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MANJUNATH G. ASUTI	Ms. MITTA DIVYA KEERTHI Mr. DEEPAK R Mr. DHANUSH I	7,000.00
888.	45S_BE_4348	KLOVER THE UNMANNED AERIAL VEHICLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. ANITHA KUMARI R D	Mr. KARTHIK S Mr. KEERTHI BAI N Mr. PRASHANTH S	6,000.00
889.	45S_BE_4553	IMPLEMENTATION OF DRIVERLESS CAR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MD. TAUSEEF	Ms. ALISHA FATIMA Ms. ANKITHA KAVYA GOWDA Ms. BHAVITHA Y Ms. CHANDANA C U	7,000.00

  
Registrar

890.	45S_BE_4705	SOLAR POWERED WHEELCHAIR WITH LINE FOLLOWER SYSTEM AND RFID AUTHENTICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PARMEELA KUMARI N	Ms. YASHASWINI TAMBE Mr. CHANDU B REDDY Mr. SYED WASAY HYDER BILGRAMI Ms. SANIA ZAIN R	7,500.00
891.	45S_BE_2770	DESIGN & DEVELOPMENT OF AUTONOMOUS HYBRID LAWN MOWER	B.E.	MECHANICAL ENGINEERING	Prof. PAVAN D	Mr. ASTHEEK G NADIG Mr. ANEESHWAR PADMANABH D Mr. AKASH PRAVEENRAO JAHAGIRDAR Mr. BHARATH KUMAR V	8,000.00
892.	45S_BE_4068	MACHINE LEARNING IN PREDICATING TRIBOLOGICAL BEHAVIOR OF AL7075-BERYL-GRAPHENE NANO MMCS MANUFACTURED BY MULTI-DIMENSIONAL FORGING PROCESS	B.E.	MECHANICAL ENGINEERING	Dr. SHANAWAZ PATIL	Mr. TARUN K Mr. SUNIL KUMAR M Mr. SUMAN S Mr. SRIRANGA T R	8,000.00
893.	45S_BE_4236	FABRICATION OF VOICE AND FLEX ASSIST EXOSKELETON ARM FOR PARALYZED PEOPLE.	B.E.	MECHANICAL ENGINEERING	Mr. NAGA SURESH BABU	Mr. ADARSH K SHETTY Mr. AMIT RAVI SASTRY Mr. ANIKETH. M Mr. ANUSH SADANANDA KOTIAN	6,000.00

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REGISTRAR, REVA UNIVERSITY	03-06-22	NEFT DR- P154220172605871- REGISTRAR, REVA UNIVERSITY- KARB0000666-BLR IISCNUL	1,69,500.00

  
**Registrar**  
**REVA University**  
 Bengaluru - 560 064