# Academic Year 2021-22







# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

್ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994) "Jnana Sangama" Belagavi-590018, Karnataka, India

Prof. B.E. Rangaswamy Ph.D.

Phone(0831)2405468

Registrar

Fax: (0831)2405467

Ref. No. VTU/Aca/2022-23/ 06/22

To

The Principal

Shridevi Institute of Engineering and Technology, Tumkur

Sir/Madam.

Sub: Sanction of Financial Assistance for 2021-2022 to the Innovative Project of UG Final Year Students of your Institution...reg.

Ref: 1) No. VTU/BGM/Aca/A-12/VTU-FA/2021-22/1366 dated 7-6-2022

2) Vice-Chancellor's Order dated 14-2-2023

With reference to the above, please find enclosed herewith D.D. No. 473645215 dated 3/27/2023 (mm/dd/yyyy) for Rs.50000 /- towards the sanction of financial assistance to the selected Innovative projects of UG final year students of BE/B.Tech.

Further, you are hereby informed to distributed the amount to the concerned students and get an acknowledgement for the same.

Original copy of the acknowledgement should be submitted to the undersigned on or before April 10th 2023.

Encl: as above

Yours faithfully,

Registrar



# Sri Shridevi Charitable Trust (R) SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY Sira Road, Tumkuru – 572 106. Karnataka.



Ref.: SIET. No. HOD/ISE/2022/Circular/01

Date: 06-07-2022

### Circular

Dr. G.V.Prabhushankar, Professor and Dean (Academic), Siddaganga Institute of Technology, Tumkur-572103, has been appointed as VTU Nominee to supervise the selection of Innovative Projects of Final Year Under-Graduate students for Financial Assistance during the Academic Year 2021-22from. Visvesvaraya Technological University, Belagavi.

Heads of Departments are informed to constitute selection committee and the composition shall be as follows

1. Principal – Chairman

Head of the Department – Member
 Two Subject Experts/Senior Professors/Industry Experts – Members

4. Dr. G.V.Prabhushankar., VTU Nominee - Member

The presentation of Final Year Innovative Projects is proposed to be conducted on 11-07-2022 from 2:30 PM through ONLINE. (Link has been sent to email IDs). The maximum time allotted is strictly limited to maximum of 08 minutes (6 min. for Presentation + 2 min. for interaction). Presentation shall focus on Objectives, Methodology and Outcomes only. Heads of Departments are informed to instruct Students and their Project Supervisor to make presentation as per the schedule attached.

Hardcopy of the following details shall be submitted to the office of HOD, ISE and mail softcopy to <a href="mailto:suhask300@gmail.com">suhask300@gmail.com</a> before 13-07-2022, 6 pm.

Annexure-1: Student Project Proposal in format provided by VTU

Annexure-2: Selection Committee Meeting proceedings

Annexure-3:Bank details of the students

Dr. Suhas G K

PRINCIPAL SIET, TUMAKURU.

PRINCIPAL

PRINCIPAL
SHRIDEVI INSTITUTE OF
ENGINEERING & TECHNOLOGY
TUMKUR - 572106.

PRINCIPAL PRINCIPAL



## Sri Shridevi Charitable Trust (R) SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Sira Road, Tumkuru - 572 106. Karnataka.



# Schedule of Online Presentation of Proposed Innovative Projects of Final Year UG Students for Financial Assistance

### 11-07-2022, MONDAY

Time	Project	Department
02:30 to 02:38	CSE/BATCH I	· CSE
02:38 to 02:46	CSE/BATCH 2	CSE
02:46 to 02:54	EEE/BATCH.I	. EEE
02:54 to 03:02	EEE/BATCH 2	. EEE
03:02 to 03:10	ECE/BATCH 1	ECE
03:10 to 03:18	ECE/BATCH 2	ECE
03:18 to 03:26	CV/BATCH 1	CV
03:26 to 03:34	CV/BATCH 2	CV
03:34 to 03:42	ME/BATCH I	ME
03:42 to 03:50	ME/BATCH 2	ME

### Visvesvaraya Technological University

"JnanaSangama" Belagavi: 590018 Karnataka, India.

Tele: 0831-2498225,2405454

### VTU Sponsored Student Project Proposal Format

01	Academic Year:	2021-22			
02	Semester:	8th			
03	Name of the College :	SHRIDEVI INS	TITUTE OF ENGINEERING AND		
04	Branch:	CIVIL ENGINE	ERING		
05	Project Title:		ON OF EXPANSIVE SOIL USING HELL AND COCONUT SHELL ASH		
06	Project Discipline:				
07	Principal	Name:	NARENDRA VIS IWANATH		
	A	Contact No:	9686114899		
		Email id:	principal@shrideviengineering.org		
08	HOD	Name:	MAHESH KUMAR G		
	100 Maria	Contact No:	9448537528		
		Email id:	gopannamk@gmail.com		
09	Project Guide	Name:	MAHESH KUMAR G		
		Contact No:	9448537528		
		Email id:	copannamk@gmail.com		
10	Project Co-Guidear	Name:			
		Contact No:			
	any)	Email id:			
11	Project	Name:	Dr. SUHAS G K		
	Committee	Contact No:	7411177789		
	coordinator (Identified by the college):	Email id:	suhask30@gmail.com		

# Visvesvaraya Technological University

"JnanaSangama" Belagavi: 590018 Karnataka, India. Tele: 0831-2498225,2405454

# VTU Sponsored Student Project Proposal Format

01	Academic Year:	2021-2022			
02	Semester:	8th			
03	Name of the College:	Shridevi insti	tute of engineering and technology		
04	Branch:	Civil enginee	ering		
05	Project Title:	"EXPERIMENTAL INVESTIGATION ON REPLACEMENT OF CEMENT BY FLYASH WITH ADDITION OF POLYPROPYLENE FIBRE"			
06	Project Discipline:	Civil Engine	ering		
07	Principal	Name:	Dr.NARENDRA VISTWANATH		
07	Fillicipal	Contact No:	9686114899		
		Email id:	principal@shrideviengineering.org		
08	HOD	Name:	Dr.MAHESH KUMAR G		
Vo	пор	Contact No:	9448587528		
		Email id: .	gopannamk@gmail.com		
09	Project Guide	Name:	Ms. NIRANJANI. J		
UZ	Project Guide	Contact No:	9071401892		
		Email id:	nirureddy1510@gmail.com		
10	Project Co-Guide (If any)	Name:	-		
10	Troject Co Garas (****)	Contact No:			
		Email id:			
11	Project Committee	Name:	Dr.SUHAS G K		
	coordinator	Contact No:	7411177789		
	(Identified by the college):	Email id:	suhask30@gmail.com		

### Visvesvaraya Technological University "JuanaSangama" Belagavi: 590018 Karnataka, India.

Tele: 0831-2498225 ,2405454

# VTU Sponsored Student Project Proposal Format

01	Academic Year:	2021-2022			
02	Semester:				
03		8 <sup>th</sup> semester			
	Name of the College:	Shridevi Institute of Engineering and Technology, Tumki			
04	Branch:		nce & Engineering		
05	Project Title:				
06			b Based on Profile on Artificial Intelligence		
	Project Discipline:	Artificial Intellig	gence		
07	Principal	Name:	Dr. Narendra Viswanath		
		Contact No:	9686114899		
08	HOD	Email id:	principal@shrideviengineering.org		
vo	HOD	Name:	Prof. C V Shanmukaswamy		
		Contact No:	9448175489		
09	Project Cuid	Email id:	Shanmuka.c.v@gmail.com		
	Project Guide	Name:	Prof. Charan K V		
		Contact No:	8453485666		
10	Project Co-Guide(If any)	Email id: Name:	charanssit@gmail.com		
	J - J - J - J - J - J - J - J - J - J -	Contact No:			
		Email id:			
11	Project Committee	Name:	De Sub-		
	coordinator	Contact No:	Dr. Suhas G K 7411177789		
	(Identified by the college):	Email id:	Suhask300@gmail.com		

### Visvesvaraya Technological University "JnanaSangama" Belagavi: 590018 Karnataka,

India.

Tele: 0831-2498225 ,2405454

# VTU Sponsored Student Project Proposal Format

01	Academic Year:	2021-2022		
02	Semester:	8 <sup>th</sup> semester		
03	Name of the College:	Shridevi Institu Technology, Tu	ute of Engineering and	
04	Branch:	THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	nce & Engineering	
05	Project Title:	Extraction o	Data from Image PDF using OCR	
06	Project Discipline:	Machine Lear	ning	
07	Principal	Name:	Dr. Narendra Viswanath	
		Contact No:	9686114899	
		Email id:	principal@shrideviengineering.org	
08	HOD	Name:	Prof. Shanmukaswamy C V	
		Contact No:	9448175489	
		Email id:	shanmuka.c.v@gmail.com	
09	Project Guide	Name:	Prof. Shanmukaswamy C V	
		Contact No:	9448175489	
		Email id:	shanmuka.c.v@gmail.com	
10	Project Co-Guide(If any)	Name:		
		Contact No:		
		Email id:		
11	Project Committee	Name:	Dr.Suhas G K	
	coordinator	Contact No:	7411177789	
	(Identified by the college):	Email id:	Suhask300@gmail.com	



### Visvesvaraya Technological University "Jnana Sangama" Belagavi – 590 018 Karnataka, India

Tele: 0831 - 2498225, 2405454

# VTU Sponsored Student Project Proposal

01	Academic Year:	2021 - 2022		
02	Semester:	8 <sup>th</sup> Semester		
03	Name of the College:	Shridevi Institute of Engineering and Technolog		
04	Branch:	MECHANIC	AL ENGINEERING	
05	Project Title:	Design and F Shifting Syst	abrication of Button Operated Gear em for Two-wheelers	
06	Project Discipline:	Interdisciplin	ary	
		Name:	Dr Narendra Viswanath	
07	Principal	Contact No:	9686114899	
		Email id:	principal@shrideviengineering.org	
	HOD	Name:	Mr B H Vasudevamurthy	
08		Contact No:	9611859047	
		Email id:	bhvmurthy@gmail.com	
	Project Guide	Name:	Mr B H Vasudevamurthy	
09		Contact No:	9611859047	
		Email id:	bhvmurthy@gmail.com	
		Name:	Xxxxx	
10	Project Co-Guide (If any)	Contact No:	Xxxxx	
		Email id:	Xxxxx	
	Desired Committee Committe	Name:	Dr G K Suhas	
11	Project Committee Coordinator (Identified by the College):	Contact No:	7411177789	
	,	Email id:	suhask300@gmail.com	

### Visvesvaraya Technological University "JnanaSangama" Belagavi: 590018 Karnataka, India.

Tele: 0831-2498225 ,2405454

# VTU Sponsored Student Project Proposal Format

01	Academic Year:	2021-2022			
02	Semester:	8 <sup>th</sup> semester			
03	Name of the College:	Shridevi Insti Technology,	tute of Engineering and		
04	Branch:		AL ENGINEERING		
05	Project Title:	DESIGN AND FABRICATION OF AUTOMATIC TOOL FOR FIXING AND			
		WHEELS	OF MULTIPLE NUTS IN CAR		
06	Project Discipline:	Car Automob	piles		
07	Principal	Name:	Dr. Narendra Visawanath		
		Contact No:	9686114899		
		Email id:	principal@shrideviengineering.org		
08	HOD	Name:	Mr B H Vasudevamurthy		
		Contact No:	9611859047		
		Email id:	bhvmurthy@gmail.com		
09	Project Guide	Name:	Mr K P Chandraiah		
		Contact No:	8660369374		
		Email id:	kpccipet@gmail.com		
10	Project Co-Guide(If any)	Name:			
		Contact No:			
		Email id:			
11	Project	Name:	Dr. G K Suhas		
	Committee	Contact No:	7411177789		
	coordinator	Email id:	Suhas300@gmail.com		

PRINCIPAL SITT TIMAKURU.

# Visvesvaraya Technological University "JnanaSangama"

Belagavi: 590018, Karnataka, India. Tele: 0831-2498225, 2405454

# VTU Sponsored Student Project Proposal

01	Academic Year:	2021 -	-2022			
02	Semester:	VIII				
03	Name of the College:	SHRIDEVI INSTITUTE OF ENGINEERING A TECHNOLOGY, TUMKUR.				
04	Branch:	Electronics an	nd communication Engineering			
05	Project Title:	Speech To T	ext Converter Using Embedded C			
06	Project Discipline:	Embedded System				
07	Principal	Name:	Dr. NARENDRA VIS WANATH			
		ContactNo:	9686114899			
		Emailid:	principal@shrideviengineering.org			
08	HOD	Name:	Prof.AIJAZ AHAMED SHARIEF			
		ContactNo:	9686114867			
		Emailid:	Hod.ece@shrideviengineering.org			
09	Project Guide	Name:	Prof.PRADEEPKUMAR S S			
		ContactNo:	.9620305689			
		Emailid:	sspradeepsit@gmail.com			
10	Project Co-Guide(Ifany)	Name:				
		ContactNo:	NOT APPLICABLE			
	•	Emailid:				
11	Project Committee	Name:	Dr. SUHAS G K			
	coordinator	ContactNo:	7411177789			
	(Identified by the college);	Emailid:	Suhask300@gmail.com			

# Visvesvaraya Technological University "Jnana Sangama"

Belagavi: 590018, Karnataka, India. Tele: 0831 - 2498225, 2405454

## VTU Sponsored Student Project Proposal

01	Academic Year:	2021-22			
02	Semester:	VIII .			
03	Name of the College:	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMKURU			
04	Branch:	Electronics :	and Communication Engineering		
05	Project Title:	Coin- based	electric vehicle battery charging		
06	Project Discipline:	Embedded s	ystem		
07	Principal	Name:	Dr. NARENDRA VIS WANATH		
		ContactNo:	9686114899		
		Emailid:	principal@shrideviengineering.org		
08	HOD	Name:	Prof. AIJAZ AHMED SHARIEF		
		ContactNo:	9686114867		
		Emailid:	Hod.ece@shrideviengineering.org		
09	Project Guide	Name:	Dr. PRADEEP K G M		
		ContactNo:	7780440815		
		Emailid:	Pkgm777@gmail.com		
10	Project Co-Guide(Ifany)	Name:			
		ContactNo:	NOT APPLICABLE		
		Emailid:			
11	Project Committee	Name:	Dr. SUHAS G K		
	coordinator	ContactNo:	7411177789		
	(Identified by the college):	Emailid:	Suhask300@gmail.com		



Visvesvaraya Technological University "JnanaSangama" Belagavi: 590018 Karnataka, India.

Tele: 0831-2498225,2405454

### VTU Sponsored Student Project Proposal Format

01	Academic Year:	2021-22	2021-22		
02	Semester:	VIII	VIII		
03	Name of the College :		SHRIDEVI INSTITUTE OF ENGINEERING		
04	Branch:		OLOGY-TUMAKURU		
05	Project Title:		& Electronics Engineering d Automatic Seeds Sowing Smart e Robot		
06	Project Discipline:	Agriculture			
07	Principal	Name:	Dr. Narendra Viswanath		
		Contact No:	9686114899		
		Email id:	principal@shrideviengineering.org		
08	HOD	Name:	G. H. Ravikumar		
		Contact No:	9448945314		
		Email id:	ravikumargh17@gmail.com		
09	Project Guide	Name:	Tanuja K S		
		Contact No:	8310630893		
		Email id:	kstanuja1@gmail.com		
10	Project Co-Guide(If	Name:	G. H. Ravikumar		
	any)	Contact No:	9448945314		
		Email id:	ravikumargh17@gmail.com		
11		Name:	Dr. Suhas G K		

VTU Sponsored Student Project Proposal Format

Page 1



# Visvesvaraya Technological University "JnanaSangama" Belagavi: 590018 Karnataka, India.

Tele: 0831-2498225 ,2405454

# **VTU Sponsored Student Project Proposal Format**

01	Academic Year:	2021-2022			
02	Semester:	8 <sup>th</sup> semester			
03	Name of the College :	Tumkur -5720			
04	Branch:	Electrical and	electronics Engineering		
05	Project Title:	Analysis Design and Implementation of WPT Syste For EV's Battery Charging Based On Optimal Operation Frequency Range			
06	Project Discipline:	Wireless powe	r transfer		
07	Principal	Name:	Dr. Narendra viswanath		
0,		Contact No:	9686114899		
		Email id:	principal@shrideviengieering.org		
08	HOD	Name:	G.H. Ravikumar		
uo	HOD	Contact No:	9448945314		
		Email id:	ravikumargh17@gmail.com		
09	Project Guide	Name:	Tanuja k.S		
09	Project Guide	Contact No:	8310630893		
		Email id:	kstanuja1@gmail.com		
	Project Co-Guide(If any)	Name:	G.H. Ravikumar		
10	Project Co-Guide(11 au))	Contact No:	9448945314		
		Email id:	ravikumargh17@gmail.com		
		Name:	Dr. G K Suhas		
11	Project Committee	Contact No:	7411177789		
	coordinator	Email id:	Suhas300@gmail.com		
	(Identified by the college)				

Ruh Jamptu DRINCIPAL NKURU.

2021-22

# Shridevi Institute of Engg & Technolgy Sira Road Tumkur

# VTU Projects (UG) Ledger Account

1-Apr-2023 to 8-May-2023

Date	Particulars		Vch Type	Vch No.	Debit	Credit
21-04-2023 Dr	Canara Bank A/c No: 5289201000003		Receipt	467		50000.00
	Cheque/DD	21-04-2023	50000.00 Dr			
	645215 SANCTION OF FINANCIAL					
	ASSISTANCE FOR 2021-22 TO THE					
	INNOVATIVE PROJECT OF UG FINAL					
	YEAR STUDENTS					
						50000.00
Cr	Closing Balance			500	00.00	
				500	00.00	50000.00

### Karnataka State Council for Science and Technology

KSCST

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)
Indian Institute of Science Campus, Bengaluru – 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.ernet.in, www.kscst.org.in

### Mr. H. Hemanth Kumar

**Executive Secretary** 

Ref: 7.1.01/SPP/91

11th May, 2022

The Principal, Shridevi Institute of Engineering and Technology, Sira Road, Tumakuru- 572 106

Dear Sir/Madam,

Sub: Sanction of Student Project - 45th Series: Year 2021-2022

Project Proposal Reference No.: 45S\_BE\_4335

Ref : Project Proposal entitled SMART STICK FOR VISUALLY IMPAIRED PEOPLE

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

Student(s)	Mr. SAMEER BICHAGATTI				
Guide(s)	Ms. ARUNA R N	Department	ELECTRONICS AND COMMUNICATION ENGINEERING		
	Mr. SIDRAM				
	Mr. BASAVARAJ	Sanctioned			
	Mr. RAGHAVENDRA D	Amount	7,000.00		
		(in Rs.)	7,000.00		

#### Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link https://forms.gle/YMn9K7XETu96i8KbA. The synopsis should include following:
  - 1) Project Reference Number
  - 2) Title of the project
  - 3) Name of the College & Department
  - 4) Name of the students & Guide(s)
  - 5) Keywords
  - 6) Introduction / background (with specific reference to the project, work done earlier, etc) about 20 lines
  - 7) Objectives (about 10 lines)

- 8) Methodology ( about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
- 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
- 10) Scope for future work (about 20 lines).
- e) In case of incompeted projects, the sanctioned amount shall be returned to KSCST.
- f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
- g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
- h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/PciAaAVisn6bn8AM7. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,

H. Memanth Kumar)

#### Copy to:

- The HoD
   ELECTRONICS AND COMMUNICATION ENGINEERING
   SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU
- 2) Mr. RAGHAVENDRA D
  ELECTRONICS AND COMMUNICATION ENGINEERING
  SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU
- THE ACCOUNTS OFFICER KSCST, BENGALURU

21-22

### 2. KSCST Project: Smart Stick for visually impaired people

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012 Website: www.kscst.org.in || Email: spp@kscst.org.in || Tet: 080-2334 1652,2334 8848/49/40

45th series of Student Project Programme (SPP): 2021-22

List of Student Project Proposals Approved for Sponsorship

142. SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU

SL No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
1057.	455_8E_4335 SMART STICK FO	IN VISUALLY APPARED PEOPLE		ELECTRONICS AND COMMUNICATION ENGINEERING		AL SAMEER BICHAGATTI ME ARIJEA RIN AL SEINAM ME BASAVARAJ	7.600.00

- 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.

  And 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 gui-to and students shall be requested at spp@ksost.org.in

45th Series of Student Project Programme (SPP): Sponsored Projects

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