

# National Institutional Ranking Framework

Ministry of Education

Government of India

Welcome to Data Capturing System: INNOVATION

## Submitted Institute Data for NIRF'2024'

Institute Name: Sree Vidyanikethan Degree College, A.Rangampet, Tirupati. [IR-I-C-27702]

### Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [3 Years Program(s)]	387	387	208	-	-	-

### Total Actual Student Strength (Program(s) Offered by Your Institution)

(All programs of all years)	No. of Male Students	No. of Female Students	Total Students	Within State (Including male & female)	Outside State (Including male & female)	Outside Country (Including male & female)	Economically Backward (Including male & female)	Socially Challenged (SC+ST+OBC Including male & female)	No. of students receiving full tuition fee reimbursement from the State and Central Government	No. of students receiving full tuition fee reimbursement from Institution Funds	No. of students receiving full tuition fee reimbursement from the Private Bodies	No. of students who are not receiving full tuition fee reimbursement
UG [3 Years Program(s)]	668	314	982	832	150	0	300	229	529	0	0	0

### Start up recognized by DPIIT/startup India

Name of Venture	Year of recognition by DPIIT/startup India	DPIIT/Start up India Registration No.
0	2020-21	0
0	2021-22	0
0	2022-23	0

### Startups which have got VC investment in previous 3/5 years

Name of startups	Amount received	Organisation Name	Year of receiving VC investment
na	0	SVDC	2020-21
na	0	SVDC	2021-22
na	0	SVDC	2022-23

### FDI investment in previous 3/5 years

Name of startups	FDI investment received	Year of receiving FDI investment
na	0	2020-21
na	0	2021-22
na	0	2022-23

### Innovation grant received from govt. organization in previous 3/5 years

Name of Government organisation from which grant is received	Amount of Grant received	Year of receiving grant
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DST	2220000	2022-23
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## Patents

Calendar year	2022	2021	2020
No. of Patents Published	0	0	0
No. of Patents Granted	0	0	0

## Innovations at various stages of Technology Readiness Level

Number of innovations	Stage of technology
Ameliorating the effects induced by Metosartan by Green tea	Level 4
Isolating the Bioactive compounds from Plants or herbs to treat fungal infection Candidasis	Level 4
Phytochemical Analysis of Bioactive compound herbs and their preservative efficacy on canned foods	Level 4
synthesis and characterisation of PSSA stabilised iron based magnetic nanoparticles	Level 6
Online movie ticket booking system	Level 7
Method of cryopreservation of Mitochondria and its damage	Level 7
Chromatin aberrations in testicular cells due to metosartan	Level 5
Helping Hands NGO'S	Level 6
Detect and recognise car number and License	Level 6
Phytochemical analysis and characterisation of chinese cabbage and wild almond seed coats (sterculia)	Level 4
Production of Bio yoghurt	Level 4
Fake Reviews detection	Level 6
Rnase P and induction of stemness by metosartan	Level 6
Green synthesis of Nickel oxide nanoparticles	Level 6
Online shipping Management system	Level 4
Online Voting	Level 4
Blood donation systems	Level 4
Online news portal Management Systems	Level 4
Chat box	Level 4
Design,Synthesis of Alpha - Amino Phosphonates and Biological Applications	Level 4
Ultra sound assisted synthesis of (e)-1-chloro-4-aryl-2-methylquinolin-3-yl)-3-arylprop-2-en-1-ones	Level 4
Ratio analysis of WIPRO Limited	Level 5
A Study on LANCO Industries	Level 5
Ratio Analysis of INFOSYS Limited	Level 5
A study on Financial of Ratios of Bharathi Cement	Level 5

Protection of Citrus X sinensis on DNA Damage by H2O2	Level 7
Antagonistic effect of Lactococcus on Pseudomonas aeuroginosa	Level 6
Phytochemical screening of plants Curcuma Longa, Tamarandus indica and Citrus (Lemon) Peel	Level 8
Effectiveness of Natural Preservatives in preventing the bacterial contamination in canned foods	Level 8
Screening for plant herbs that offer protection against DNA damage induced by metosartan	Level 6
Isolation of Protease producing strains isolated from fecal water and curd samples	Level 8
Inventory valuation of the Harshey Company	Level 5
Phytochemical Screening of leaf extract (different solvent) of Kigelia Africana plant	Level 4
Evaluation of Antibacterial activity in leaf extract of kigelia Africana plant	Level 4
A study on Financial statement analysis of State Bank of India and ICICI Bank	Level 9
Study on Cash Flow Statements of NESTLE Company	Level 8
Performance Evaluation of Ultratech cement	Level 8
Metosartan induces Apoptosis in Testicular cells and sperm cells by release of cyt C	Level 5
Synthesis and Characterization of Colorimetric Chemosensors for detection of Copper ions and its Biological Studies	Level 4
A study on Image Stegnography with using QRcode	Level 6
A new methodology for Tissue processing and Chromatin staining	Level 4
Modification of Chromatofocusing technique	Level 9
A modified methodology of Histology	Level 7
Study of drug toxicology on Nuclear pore complex by simple methodology	Level 5
Credit card Fraud detection	Level 6
COVID-19 Test Management Systems	Level 4
Face mask detection	Level 6
Online Blood bank management system	Level 7
Online loan Management system	Level 6
RAAGA online music management system	Level 6
Online Attendance management system	Level 6
Phytochemical analysis of T.indica, C.longa and C.limon peel powder	Level 5
Use of natural preservatives for the preservation of wine, Apple juice and yoghurt	Level 5
Isolation, Biochemical characterisation of Candida utilis and antimicrobial activity of C.limon peel against candida	Level 7
Isolation, Biochemical characterisation of P.vulgaris and Anti microbial activity of T.indica against P.vulgaris	Level 7
Isolation, Biochemical Characterisation and Antimicrobial activity of T.indica, C.limon and C.longa	Level 6
Isolation, Biochemical characterisation and Antimicrobial activity of T.indica, C.longa and C.limon against S.aureus	Level 7
Isolation, Biochemical characterisation and antimicrobial activity of T.indica against S.cerevisiae	Level 6

Synthesis and Characterization of PSSA stabilized Fe based Magnetic Nanoparticles	Level 5
0	Level 5
E)-1-chloro-4-aryl-2-methylquinolin-3-yl)-3-arylprop-2-en-1-ones synthesis by Ultrasonication.	Level 6
Green Synthesis of Nickel oxide Nanoparticles using leaf extract of Cassia Fistula: \u000bCharacterization & Biological Applications	Level 5
Green Synthesis of Nickel oxide Nanoparticles using leaf extract of Cassia Fistula: \u000bCharacterization & Biological Applications	Level 6
SYNTHESIS OF alpha-AMINO PHOSPHONATES AND BIOLOGICAL APPLICATIONS	Level 6
SYNTHESIS OF alpha-AMINO PHOSPHONATES USING CATALYSTS	Level 5
SYNTHESIS OF alpha-AMINO PHOSPHONATES USING CATALYSTS - stage II	Level 5
Organometallic compounds in Cancer Treatment	Level 5
Organometallic compounds in Cancer Treatment - Stage II	Level 5
Active Ultra Graphite assisted Solar Desalination	Level 4
Active Ultra Graphite assisted Solar Desalination -Stage II	Level 6
Active Ultra Graphite assisted Solar Desalination - Stage III	Level 5
Isoniazid-based Schiff's Bases in Bone Cancer Studies using MG-63 Cell Lines	Level 6
Selective Detection of Copper Ions of Isoniazid Schiff Bases	Level 4
Pros and cons of lactococcus	Level 6
Gut - Brain axis to treat brain related infections and alzeihmer's disease	Level 4
Isolation of active compound from green tea to reduce the DNA damage caused by drug metosartan	Level 4
Treatment for diabetes by formulating drugs that bind glucose and release slowly after postprondial period	Level 4
Sperm regeneration in sterile males through stem cell therapy	Level 4
Generation of Solar laptops	Level 4
Recovery of lost data by cloud computing	Level 4

#### Ventures/startups grown to turnover of 50 lacs

Name of startups	Company's Turnover	Financial Year
na	0	2020-21
na	0	2021-22
na	0	2022-23

#### Alumni that are Founders of Forbes/Fortune 500 companies

Name of the Alumni	Program passed from	Year of passing	Founder of company
na	na	0	na

#### Pre-incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Pre-incubation units	10	3	3
Expenditure on pre-incubation activities	100000	10000	10000
Income generated by institution through pre-incubation activities	0	0	0

#### Incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Incubation units	1	1	1
Expenditure on Incubation activities	50000	30000	20000
Income generated by institution through Incubation activities	0	0	0

#### FDP

Academic year	Title of Course	FDP Sponsored /Supported by	Certificate Program Offering Department/Centre/ Unit Name	Program Start Date	Program End Date
2022-23	FDP on Project Proposal	SVDC	DCS	2022-07-26	2022-08-01
2022-23	FDP on Patent rights	SVDC	DCS	2022-11-28	2022-12-03
2022-23	FDP on Innovation and Entrepreneurship	SVDC	DAH	2023-01-24	2023-01-31
2022-23	FDP on how to submit a Project proposal	SVDC	DMS	2023-04-04	2023-04-10
2022-23	FDP on Copy rights and Design	SVDC	DCS	2022-12-13	2022-12-19
2022-23	FDP on Innovative ideas on current research thurst areas	SVDC	DCS	2022-10-03	2022-10-08

#### Academic Courses in Innovation, Entrepreneurship and IPR

Academic year	Title of Course	Course Code	Type of Course	Level of Course(UG/PG/PhD)	Course Offering Department/Centre/ UnitName	Total Credit Score
2022-23	Entrepreneurship Development	Life skill course 1	Elective Course	UG	DAH	2

#### Faculty Details

Srno	Name	Age	Designation	Gender	Qualification	Experience (In Months)	Currently working with institution?	Joining Date	Leaving Date	Association type
1	Dr S Ravichandra Babu	59	Associate Professor	Male	Ph.D	324	Yes	01-07-1996	--	Regular
2	Ms C Swathi	35	Lecturer	Female	M.Sc.	140	No	01-06-2012	07-09-2023	Regular
3	Dr K Vijay Kumar	48	Assistant Professor	Male	Ph.D	120	No	26-06-2013	20-10-2023	Regular
4	Mrs M Sree Vani	40	Lecturer	Female	M.Tech	72	No	29-06-2017	13-04-2023	Regular
5	Dr D Krupavathi	36	Assistant Professor	Female	Ph.D	28	Yes	23-02-2021	--	Regular
6	Mr C Parthasarathi	39	Lecturer	Male	M.Sc.(Biochemistry)	180	No	13-06-2008	10-07-2023	Regular
7	Dr K Mohan Kumar	52	Assistant Professor	Male	Ph.D	170	No	19-01-2019	10-02-2023	Regular

8	Mrs G Muni Hemalatha	34	Lecturer	Female	M.Sc.	126	Yes	12-06-2017	--	Regular
9	Dr D Ashalatha	50	Dean / Principal / Director / Vice Chancellor	Female	Ph.D	169	No	15-06-2020	31-10-2022	Regular
10	K Anjaneyulu	42	Lecturer	Male	M.Sc.	84	No	17-08-2016	16-11-2023	Regular
11	Dr Shaik Asif Alisha	45	Associate Professor	Male	Ph.D	240	Yes	01-04-2021	--	Regular
12	Dr B Eswari	34	Assistant Professor	Female	Ph.D	55	Yes	23-01-2019	--	Regular
13	Dr V Sridevi	41	Assistant Professor	Female	Ph.D	168	Yes	12-12-2018	--	Regular