



**SNMV** College of Arts & Science  
Institute of Management  
( Shri Nehru Maha Vidyalaya )



Re-Accredited with 'A' Grad - by NAAC - ISO 9001:2008 Certified Institution  
Estd. 1989 ( Approved by Govt. of Tamilnadu, AICTE New Delhi, Affiliated to Bharathiar University, Coimbatore )

**CIRCULAR**

Date : 23/12/21

This is to inform you that there will be Internal Auditing for Digital Log Book Odd Semester 2021-2022. Auditors will verify the log book on 27.12.2021 at 2.00 pm to 4.00 pm. The Heads of all the Departments are requested to keep the digital log book folder with name Odd sem 2021 in desktop and the list of subjects details.

S.No.	Auditor	Auditee	Department
1	Mr.G.Vishwanathan	Mr.P.S.Narayanasamy	BBA
2	Mrs.K.Tamilselvi	Mrs.Y.Prasanna	B.Com ( CA ) & M.Com ( CA )
3	Mr.T.Purusothaman	Dr.Thiruvankateswari	B.Com & M.Com
4	Dr.Thiruvankateswari	Dr.Sabarirajan	B.A ( English ) & M.A ( English )
5	Mr.K.Leninbarathi	Dr.K. Dhanalakshmi & Dr.G.Renuka	Tamil & Hindi
6	Mr.R.Nandha Kumar	Dr.C.Suresh	B.Com ( PA )
7	Mr.C.Chandra Kumar	Dr.V.Sudha	B.Com ( IT ) & B.Com ( E-Commerce )
8	Dr.K. Dhanalakshmi	Mrs.R.Devika	B.Com ( CS ) & B.Com ( Finance )
9	Mrs.V.Sudha	Dr.J.John Manoharan	B.Com ( B & I )
10	Dr.J.John Manoharan	Mrs.K.Tamil Selvi	B.Sc (CS)
11	Dr.C.Suresh	Dr.B.Chithra	B.Sc (CT)
12	Dr.V.Sudha	Mr.R.Nandha Kumar	B.Sc (IT)
13	Dr.K.Bhagyaraj	Mr.C.Chandra Kumar	BCA
14	Dr.G.Renuka	Dr.K.Bhagyaraj	B.Sc (MB) & M.Sc (MB)
15	Mrs.Y.Prasanna	Mr.T.Purusothaman	B.Sc (BT) & M.Sc (BT)
16	Mr.P.S.Narayanasamy	Mrs.V.Sudha	B.Sc (Chem)
17	Dr.Sabarirajan	Mr.K.Leninbarathi	B.Sc (Phy)
18	Dr.S.Sudhakar	Mrs.S.Kavunthi	B.Sc Maths ( CA )
19	Dr.K.Vinoth kumar	Dr.M.Premalatha	MSW
20	Mrs.S.Kavunthi	Dr.S.Sudhakar	MBA
22	Mrs.R.Devika	Dr.K.Vinoth kumar	M.Sc ( CS )

Principal

SHRI NEHRU MAHA VIDYALAYA  
COLLEGE OF ARTS & SCIENCE  
SHRI CANNING ROAD, NAGAR,  
M. M. MANGALAM, VI  
COIMBATORE - 641 030





# **SNMV** College of Arts & Science Institute of Management ( Shri Nehru Maha Vidyalaya )



Re-Accredited with 'A' Grade by NAAC - ISO 9001:2008 Certified Institution  
Estd. 1989 ( Approved by Govt. of Tamilnadu, AICTE New Delhi, Affiliated to Bharathiar University, Coimbatore )

Sponsors  
Estd. 1964

Academic and Administrative Audit for the Academic Year 2020-21

(Academic year 2020-2021 ; 1st June 2020 to 31st December 2021 )

## EVALUATIVE REPORT OF THE DEPARTMENT

1.Name of the Department : PG & RESEARCH DEPARTMENT OF  
COMMERCE

2.Year of establishment : 1989

3.Name of Programmes / Certificate / Add on Courses offered ( UG, PG, M.Phil., Ph.D., etc)

	Name of the Programme	Year of Introduction	Title of the		
			Certificate Courses	Add on Courses	MOOC /Online Course
	B.Com	1989	-	Net Banking	-
	M.Com	2017	-	-	-
	M.Phil	2011	-	-	-
	Ph.D	2012	-	-	-

4. Faculty profile with Name, Qualification, Designation, Specialization,(NET /SET/Ph.D/ M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No. of years of Teaching/ Research Experience
Dr.A. Thiruvankateswari	MBE., M.Phil., Ph.D	HOD i/c & Assistant Professor	Economics &HR	10 Years
Mr.A. Gurunathan	M.Com., M.Phil., NET., (Ph.D)	Assistant Professor	Accounting & Finance	9 Years
Ms.M.ASWINI	M.Com	Assistant Professor	Accounting	4 Years
Mrs.A. Nandhini	MCom CA.,	Assistant	Finance	3 Years

	M.Phil	Professor		
Mr.T. Muthu	MCom CA., M.Phil	Assistant Professor	Marketing	8 Years
Mrs.P. Sangeetha	M.Com., M.Phil., NET., (Ph.D)	Assistant Professor	Human Resource	5 Years
Mrs.J. Suganya	M.Com.CA, M.Phil., (Ph.D)	Assistant Professor	Marketing	5 Years
Mr. M. Arunselvaraj	MCom FC,M.Phil	Assistant Professor	Finance	5 Years
MS.J.Pavithra	MCom CA.,	Assistant Professor	Accounting	2 Years
Dr. SP. Vinayak	MCom	Assistant Professor	Marketing	7 Years

5. Student -Teacher Ratio (Programme wise) :

Year	Programme	Staff Strength			Student Strength			Ratio Student: Staff
		M	FM	Total	M	FM	Total	
2020- 2021	B.Com	4	6	10	130	209	339	34:1
2020- 2021	M.Com	2	2	4	26	25	51	13:1

6.Student profile programme-wise ,Enrollment Details. ( UG, PG, M.Phil., Ph.D., etc) -2020

Name of the Programme	Seats Available	Applications Received	No. of students Admitted	Male	Female	No. of students from			Total
						Other states	within the state	Other countries	
B.Com	120	120	109	43	65	1	107	-	108
M.Com	40	27	27	10	17	0	0		27
M.Phil	30								
Ph.D	24	4	4			-	4	-	4

7.Pass Percentage of final year students ( UG and PG): 2020-21 Passed out

Academic	Title of the	Total no.	Total	Pass %	Division
----------	--------------	-----------	-------	--------	----------

Year	Programme	of students appeared	no. of students passed		Distinction %	I %	II %	III %	Pass %
2020-2021	B.Com	115	109	95	31	56	22	-	95
2020-2021	M.Com	14	14	100	5	9	-	-	100

8. Publications: (Academic Year 1st June 2020 to 31st December 2021)

Number of papers published in peer reviewed journals (National / International) by faculty and Students

No. of Faculty : nil

No. of Students :nil

S.No.	Name of the Faculty	Title of the Article	Journal Name Volume No. Page No.	Month & Year	ISSN/ ISBN No.	National / International	UGC approved/ Other
-	-	-	-	-	-	-	-

9. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels

S. No.	Name of the Teacher	Refresher courses/ Orientation courses/ Seminars/ Work Shop National/International Conferences	Date	Institution Name
-	-	-	-	-

10. Details of teachers participated in Refresher courses, Orientation courses, Seminars, FDP Workshops, Conferences at national and international levels.(participant, presented paper) nil

S.No	Name of the Faculty Member	Name of the Seminar / Conference / Workshop/ FDP/ with Organizing	Title of the Paper Presented	Date

		Institution Name		
-	-	-	-	-

### 11. Awards and Recognition Received by the Faculty and Students

No of Faculty received Award/Recognitions: nil

Name & Designation of the Faculty Member	Name of the Award	Name & Place of the Institution from where the awards was received	Citation / Price Money if any
-	-	-	-

12.No. of Students received Awards/Recognitions: nil

S. No.	Name	Award/ Recognition	Issuing Institution	Date
-	-	-	-	-

### 13.Seminar / Conference / Workshop/ Guest Lectures Organized

S.No	Date	Title of the Activity	State whether International / National / Regional	Guest faculty/Visiting faculty details	No. of Participants	Significance of the Programme
1	31.07.2020	Webinar	National	Dr.N.Eswaran Vice Principal Kg Colege of Arts and science	94	Br Indian Buy Indian
2.	17.08.2020	Webinar	National	Ms.Rajashree Mohan HR Senior Coordiantor in CTS	85	Self Grooming for Interview

3.	29.08.2020	Webinar	National	Mr.B.S.Sridhar Chartered Accountants	46	Essentials of new Age Finance Professionals
4.	22.10.2020	Webinar	National	Mr.A.Vinoj Partner Rupa Sekar & Associations Chartered Accounts	83	Recent updates and expectation of market
5.	06.11.2020	Webinar	National	Mr.Murali Ellappan Managing Director Cotton comfort	100	Idea for self Entrepreneurship
6.	11.12.2020	Webinar	National	Mr.S.Nagarajan Assistant Professor Bhanari Institute of Technology	98	New Development in Digital Banking
7.	19.1.2021	Webinar	National	Dr.S.JanakiRama n Assistant PRofessor Govt Arts College	97	Pandemic and the world economy
8.	18.03.2021	Webinar	National	l.Dr.Sumalatha Assistant Professor Central University of Tamilnadu	150	Impact of Covid -19 on human resource management and planning strategies

				2.Dr.R.Chitra Siva Subramaniam School of Management Pandichery university		
9.	22.03.2021	Webinar	National	Dr.K.Prabhakaran SEBI , Oman	100	Fundamentals of Securities and capital management
10.	17.09.2021 to 21.09.2021	Induction Ceremony	Regional	1.Ms.Janani Short Story Writer 2.Ms.Sherlin Dayoni 3.Mrs A.Yagil All India Radio 4.Mr.Rajasekaran Krishna Arts and Science	96 98 150 100	Life is about choice Soft skill development Innovative thinking  Personality Development
11.	20.09.2021	Webinar	International	1.CA.V.Surendar Chief Financial Officer Coco Cola Company , Tanzania	150	Plan your future

14. Extension Activity Undertaken by the Department nil

S. Nos	Date	Nature of Extension Activity	Name & Place of the Organization with which the	Financial / Any Other Support Received / Offered
--------	------	---------------------------------	---	---

			activity is undertaken	
-	-	-	-	-

#### 15. Student Progression to Higher education .

Year	Number of students enrolling to higher education	Department graduated from	Name of the institution joined	Name of the Program admitted to
2018 - 2021	27	Commerce	SNMVCAS	M.COM & MBA

#### 16. Teaching-Learning, Evaluation.

1) Number of teachers preparing & following Academic Teaching plan : **10**

2) How many teachers use the following teaching methods : **10**

a) Interactive lecture method using blackboard, Group discussions, Seminars.

b) Use ICT methods to support lectures.

3) Does the department have any mechanism to ensure that entire syllabus is completed? Yes

4) Do you offer Bridge/Remedial courses? Yes

#### 17. Teacher Performance:

1) Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analyzed and suggestions communicated to teachers?

YES - Feedback of teachers is being collected in every semester

- Class committee meeting is been held for every month

2) Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department?

Yes

3) Are the suggestions received from students used for improvement of facilities?



Yes - Through class committee meeting and grievance redressal method is being followed for the improvement

4) Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the university with comments?

YES - Self Appraisal Reports are being collected from all faculties

5)What is the method for conducting internal evaluation?

Feedback systems, Action Plan

18. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Through University result analysis, CIA result analysis, Feedback systems

19. Describe the adequacy of infrastructural & physical facilities for teaching-learning .

a) Central Library Books and Journals, etc, relevant to Department :

b) Departmental Library (books, journals etc.) : 505 Books

c) Computers and Internet facilities for staff : Yes

d) Total number of class rooms : 08

e) Class rooms with ICT facility : -

f) Students' laboratory : -

g) Research laboratories : NA

h) Seminar Hall : 01

i) Smart class room : -

j) Any other facility LCDs, : 2 LCD Projector

20. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department.

B.com

- a. **Strengths** : Quality Teaching, Specialized Teachers, Infrastructure, Laboratories, Library
- b. **Weaknesses** : Lack of Permanent SMART class, Printer facility
- c. **Opportunities** : Smart teaching methods, N- Computing
- d. **Challenges** : Producing 100% Result with Employment opportunities.

21. Describe at least two Departmental **Best** practices. (As per NAAC format : each 100 words )

22. Departmental Distinctiveness : ( 200 words)

23. Plan of action for next academic year : ( 2021-22 )

- a. **Long term plans** : Permanent SMART class rooms  
Commerce Lab
- b. **Short term plans** :  
Research Programme: With the help of Research fund from the Funding Agencies.  
To make the Staff to attend training Programme conducted by the university and also by the other universities

24. No. of M.Phil / Ph.D produced by the faculty : Yes

S. No	Name of the Candidate	Course	Guide
1	M.Kavitharani	PhD	Dr.S.Balusamy
2	D.Sanmugavadivel	PhD	Dr.S.Balusamy
3	P.ChinnaSaghaya Rani	PhD	Dr.S.Balusamy

25. Number of students cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? No

26. Number of students undertaking filed project/internships : No

Head of the Department

Date:

Member- Academic and Administrative Audit Committee

1.

2.

Chairman- Academic and Administrative Audit Committee

PRINCIPAL  
SHRI NEHRU MAHA VIDYALAYA  
COLLEGE OF ARTS & SCIENCE  
SHRI GAMBIRNATH BAPPA NAGAR,  
MALUNACHRAMNATHI  
COIMBATORE - 641 050





# **SNMV** College of Arts & Science Institute of Management ( Shri Nehru Maha Vidyalaya )



Re-Accredited with 'A' Grade by NAAC - ISO 9001:2008 Certified Institution  
Estd. 1989 ( Approved by Govt. of Tamilnadu, AICTE New Delhi, Affiliated to Bharathiar University, Coimbatore ) Estd. 1964

Academic and Administrative Audit for the Academic Year 2020-21

(Academic year 2020-2021; 1st June 2020 to 31st December 2021 )

## EVALUATIVE REPORT OF THE DEPARTMENT

1.Name of the Department : Biotechnology

2.Year of establishment : UG-BT : 2008

PG-BT : 2002

3.Name of Programmes / Certificate / Add on Courses offered ( UG, PG, M.Phil., Ph.D., etc)

	Name of the Programme	Year of Introduction	Title of the		
			Certificate Courses	Add on Courses	MOOC /Online Course
UG	Biotechnology	2008		Mushroom cultivation	Biomedical Nanotechnology
PG	Biotechnology	2002			Total Quality management
M.Phil (PT/FT)	Biotechnology	2004			Organic farming
Ph.D. (PT/FT)	Biotechnology	2007			Dairy and food processing
					Nanotechnology in Agriculture

4. Faculty profile with Name, Qualification, Designation, Specialization,(NET /SET/Ph.D/ M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No. of years of Teaching/ Research Experience
Fg.Off.T.Purushothaman	M.phil	HOD I/C	Biotechnology	12 years
Dr.P.Ruban	P.hd	Assistant Professor	Biotechnology	9 years
Dr.D.Arun Kumar	P.hd	Assistant Professor	Biotechnology	6 years
Dr.K.Ramalashmi	P.hd	Assistant Professor	Biotechnology	6 years
Dr. A G Rajalakshmi	P.hd	Assistant Professor	Biotechnology	5 years
Mrs. S. Harshini Mohan	M.Sc	Assistant Professor	Biotechnology	3 years
Ms. Irfana Mol	M.Sc	Assistant Professor	Biotechnology	6 months
Dr. Jeyaramraja	M.Phil., PhD	Associated Professor	Biotechnology	15 years

5. Student -Teacher Ratio (Programme wise) :

Year	Programme	Staff Strength			Student Strength			Ratio Student: Staff
		M	FM	Total	M	FM	Total	
2020-2021	UG -	3	3	6	48	62	110	18:6
	PG -	3	3	6	10	20	30	5:1

6. Student profile programme-wise ,Enrollment Details. ( UG, PG, M.Phil., Ph.D., etc) -2020

Name of the Programme	Seats Available	Applications Received	No. of students Admitted	Male	Female	No. of students from			Total
						Other states	within the state	Other countries	
UG	43	55	43	9	34	1	42	-	43
PG	22	37	22	12	10	3	19	-	22

7. Pass Percentage of final year students ( UG and PG): 2020-21 Passed out

Academic Year	Title of the Programme	Total no. of students appeared	Total no. of students passed	Pass %	Division				
					Distinction %	I %	II %	III %	Pass %
2020-2021	UG-	32	30	94	5	6	2	2	94
	PG-	10	10	100	4	6			100

8. Publications: (Academic Year 1st June 2020 to 31st December 2021)

Number of papers published in peer reviewed journals (National / International) by faculty and Students

No. of Faculty :

No. of Students :

S.No.	Name of the Faculty	Title of the Article	Journal Name Volume No. Page No.	Month & Year	ISSN/ ISBN No.	National / International	UGC approved/ Other
	Fg.Off.T.Purushothaman	Micro-algae as bio-pesticides for the development of sustainable agriculture	Wide Spectrum Research Journal & 34-47	2020	ISSN 2250-2815	International	Indexed in Science General

		ltu re					
		Ethanobot anical M edi cin es us ed by the Ka ni an d Ku ric hiy ar Tri bal Co m mu nit ies of Ke ral a	Shanlax International Journal of Arts, Science and Humanities	2020	P-ISSN : 2321-788X	Internati onal	Index Copernic us
	Dr.P.Ruban	PREDICT IO N OF H E A RT DI SE AS ES US IN	Wesleyan Journal of Research	2020	ISSN: 0975-1386	Internati onal	UGC enlisted journal

		GN AI VE BA YES AL GO RI TH M					
	Dr.D.Arun Kumar	Induction of def en ce pr ote in in to ma to tre ate d wit h Str ept om yc es gri se us ag ain st Fu	Biosc.Biote ch.Res.Com m.	2020	ISSN:0974 -6455	Internati onal	Web of science

		sar iu m ox ys po ru m f.s p. Ly co per sic i					
--	--	---	--	--	--	--	--

9. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels

S. No.	Name of the Teacher	Refresher courses/ Orientation courses/ Seminars/ Work Shop National/International Conferences	Date	Institution Name
	NIL	NIL	NIL	NIL

10. Details of teachers participated in Refresher courses, Orientation courses, Seminars, FDP Workshops, Conferences at national and international levels.(participant, presented paper)

S.No	Name of the Faculty Member	Name of the Seminar / Conference / Workshop/ FDP/ with Organizing Institution Name	Title of the Paper Presented	Date
	NIL	NIL	NIL	NIL

11. Awards and Recognition Received by the Faculty and Students

No of Faculty received Award/Recognitions:

Name & Designation of the Faculty Member	Name of the Award	Name & Place of the Institution from where	Citation / Price Money if any



		the awards was received	
NIL	NIL	NIL	NIL

12.No. of Students received Awards/Recognitions:

S. No.	Name	Award/ Recognition	Issuing Institution	Date
NIL	NIL	NIL	NIL	NIL

13.Seminar / Conference / Workshop/ Guest Lectures Organized

S.No	Date	Title of the Activity	State whether International / National / Regional	Guest faculty/Visiting faculty details	No. of Participants	Significance of the Programme
1	15.9.2022 to 17.9.2022	2 <sup>nd</sup> International E confere nce 2021 “ Novel Biotech nologic al Approa ch to sustain in Pandem	International	Dr D S Prabakaran Dr. Atul Kumar Mrs. Sushma Rajput, Dr Sruthy Maria Augustine, Dr Kalpana Raja Mr. G Somasundaram	200	Around 100 abstracts & full paper articles were received globally from Faculty members, Students & Research scholars

		ic Scenari o				
--	--	--------------------	--	--	--	--

#### 14. Extension Activity Undertaken by the Department

S.Nos	Date	Nature of Extension Activity	Name & Place of the Organization with which the activity is undertaken	Financial / Any Other Support Received / Offered
	NIL	NIL	NIL	NIL

#### 15. Student Progression to Higher education .

Year	Number of students enrolling to higher education	Department graduated from	Name of the institution joined	Name of the Program admitted to
2020-2021	20	B.Sc Biotechnolog y	SNMV CAS	M.Sc Biotechnology

#### 16. Teaching-Learning, Evaluation.

1) Number of teachers preparing & following Academic Teaching plan : **8**

2) How many teachers use the following teaching methods : **8**

a) Interactive lecture method using blackboard, Group discussions, Seminars.

b) Use ICT methods to support lectures.

3) Does the department have any mechanism to ensure that entire syllabus is completed? Yes

4) Do you offer Bridge/Remedial courses? If yes, Give details

#### REMEDIAL CLASSES

17. Teacher Performance:

1) Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analyzed and suggestions communicated to teachers? Yes

2) Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department? Yes

3) Are the suggestions received from students used for improvement of facilities? Yes

4) Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the university with comments? Yes

5) What is the method for conducting internal evaluation? Continuous Internal Assessment (CIA I, CIA II & CIA III)

18. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Continuous monitoring

19. Describe the adequacy of infrastructural & physical facilities for teaching-learning.

- a) Central Library Books and Journals, etc, relevant to Department :
- b) Departmental Library (books, journals etc.) : YES
- c) Computers and Internet facilities for staff : YES
- d) Total number of class rooms : 6
- f) Students' laboratory : 4
- g) Research laboratories : 2

20. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department.

- a. Strengths: Highly qualified faculties, high teaching experience, well equipped lab, sophisticated teaching methodology, 80% of advanced learners
- b. Weaknesses: -
- c. Opportunities: Better placement, provides platform for hands on training

d. Challenges: Producing more number of University ranks

21. Describe at least two Departmental **Best** practices. (As per NAAC format : each 100 words )

1. Department conducts Guest lectures, National conferences and international conferences with innovative speakers. Research is highly motivated for UG with projects and PG students . The department encourages students to participate and present paper in National and International conferences .Department offers Hands on training on fruits and vegetable processing, hand craft training, training on medical transcription, hands on training mushroom cultivation.

22. Departmental Distinctiveness : ( 200 words)

Mushroom cultivation is being done by the students of Biotechnology on the campus. It includes cultivation of mushrooms, spawn production and value addition of the cultivated mushrooms. In addition, special training is being given to the self-help groups, entrepreneurs and farmers. Biocomposting is being done and maintained by the Department of Biotechnology. Saplings are supplemented by the compost made on the campus. Students were benefitted by knowing the methodology of composting and its uses. Nursery which has flowering saplings, medicinal plants and fruit saplings. These saplings are nurtured by the students of Biotechnology Department. This instills the value of preserving and sustaining the ecosystem in the minds of the youngsters

23. Plan of action for next academic year : ( 2021-22 )

**Long term plans:** To motivate students to continue in their research and make them entrepreneurs. International seminar and workshop will be conducted with an eminent research persons .

**Short term plans :** To conduct expo for the youngsters and evoke them with knowledge.

24. No. of Mphil / Ph.D produced by the faculty : Yes (PhD 1)

25. Number of students cleared Civil Services and Defense Services examinations, NET, SET,

GATE and other competitive examinations? No

26. Number of students undertaking filed project/interships : Yes

All UG and PG final year students undergo summer training for about 15 days to 2 Months as per their curriculum.

Head of the Department Fg.Offr T PURUSHOTHAMAN

Date: 25.2.2022

Member- Academic and Administrative Audit Committee

1.

2.

Chairman- Academic and Administrative Audit Committee

PRINCIPAL  
SHRI NEHRU MAHA VIDYALAYA  
COLLEGE OF ARTS & SCIENCE  
SHRI GAMBIRNATHA NAGAR,  
MALUNJACHAMPATTI  
COIMBATORE - 641 050





# **SNMV** College of Arts & Science Institute of Management ( Shri Nehru Maha Vidyalaya )



Re-Accredited with 'A' Grade by NAAC - ISO 9001:2008 Certified Institution  
Estd. 1989 ( Approved by Govt. of Tamilnadu, AICTE New Delhi, Affiliated to Bharathiar University, Coimbatore ) Estd. 1964

Academic and Administrative Audit for the Academic Year 2020-21

( Academic year 2020-2021 ; 1st June 2020 to 31st December 2021 )

## EVALUATIVE REPORT OF THE DEPARTMENT

- 1.Name of the Department : Computer Technology
- 2.Year of establishment : 2013
- 3.Name of Programmes / Certificate / Add on Courses offered ( UG, PG, M.Phil., Ph.D., etc)

	Name of the Programme	Year of Introduction	Title of the		
			Certificate Courses	Add on Courses	MOOC /Online Course
UG	B.Sc CT	2013		Call centre Management	NIL

4. Faculty profile with Name, Qualification, Designation, Specialization,(NET /SET/Ph.D/ M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No. of years of Teaching/ Research Experience
Dr.B.Chithra	MCA, M.Phil,Ph.D	HOD & Associative Prof	Data Mining	15 Years
Mr.G.Viswanathan	M.Sc CT, M.Phil (Ph.D)	Associate .Prof	Data Mining	19 Years & 5 Months
Mr.P.Karthi	MCA, M.Phil (Ph.D)	Asst.Prof	Computer Networks	7 years& 10 months

Ms.A.Deepika	M.Sc.,(M.Phil)	Asst Prof	Data Mining	3 Months
--------------	----------------	-----------	-------------	----------

5. Student -Teacher Ratio (Programme wise) :

Year	Programme	Staff Strength			Student Strength			Ratio Student: Staff
		M	FM	Total	M	FM	Total	
2020-2021	UG -	2	2	4	78	42	120	1:30
2021-2022	UG	2	2	4	93	39	132	1:33
	PG -	-	-	-	-	-	-	-

6.Student profile programme-wise ,Enrollment Details. ( UG, PG, M.Phil., Ph.D., etc) -2020

Name of the Programme	Seats Available	Applications Received	No. of students Admitted	Male	Female	No. of students from			Total
						Other states	within the state	Other countries	
B.Sc. Computer Technology	50	64	43	27	16	1	42	-	43
B.Sc. Computer Technology	50	68	49	41	8	1	48	-	49

7.Pass Percentage of final year students ( UG and PG): 2020-21 Passed out

Academic Year	Title of the Programme	Total no. of students	Total no. of studen	Pass %	Division				
					Distinct	I %	II	III	Pass

		appeared	ts passed		ion %		%	%	%
2020-2021	UG-	32	31	96.8	22.5	77.4	-	-	-
	PG-	-	-	-	-	-	-	-	-

### 8. Publications: (Academic Year 1st June 2020 to 31st December 2021)

Number of papers published in peer reviewed journals (National / International) by faculty and Students

No. of Faculty : 4

No. of Students : Nil

S.No.	Name of the Faculty	Title of the Article	Journal Name Volume No. Page No.	Month & Year	ISSN/ ISBN No.	National / International	UGC approved/ Other
1.	B.CHITHRA	<b>Multinomial classification Identification for Domestic Violence Virtual Posts Based on Improved Convolution Neural Network (ICNN)</b>	<b>Journal of Network Security Volume 8, Issue 3</b>	<b>DEC 2020</b>	<b>ISSN: 2395-6739</b>	<b>International</b>	
2.	B.CHITHRA	<b>Enhanced Artificial Neural Network with Particle Swarm Optimization Algorithm for Detecting</b>	<b>International Journal of Algorithms Design and Analysis Vol 6, No 2 (2020)</b>	<b>DEC 2020</b>		<b>International</b>	



		<b>Distributed Denial of Service in Cloud</b>					
3.	B.CHITHRA	Dynamic neutrosophic cognitive map with improved cuckoo search algorithm (DNCM-ICSA) and ensemble classifier for rheumatoid arthritis (RA) disease	Journal of King Saud University – Computer and Information Sciences	JULY 2020	1319-1578	INTERNATIONAL	
4.	B.CHITHRA	<b>AN ENERGY EFFICIENT CLUSTER HEAD SELECTION WITH OPTIMAL PATH SELECTION APPROACH IN WIRELESS SENSOR NETWORKS</b>	<b>ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY VOLUME: 11, ISSUE: 04</b>	<b>DECEMBER 2020</b>	<b>ISSN: 2229-694</b>	<b>International</b>	
5	G.VISWANATHAN	<b>A Review on Trusted Node, Attacks and Security Challenges in Wireless Sensor Network</b>	<b>Indian Journal of Natural Sciences</b>	<b>October 2020</b>	<b>ISSN: 0976 – 0997</b>	<b>International</b>	

6	P.KARTHI	Smart Integrating Digital Contact Tracing with IoMT for COVID-19 using RFID and GPS	VOLUME 16 ISSUE 12 Journal of Xi'an Shiyou University, Natural Science Edition	JAN 2021	ISSN : 1673-064X	INTERNATIONAL	
7	G.VISWANATHAN	Trust value calculation based on direct trust and indirect trust in wireless sensor network	International conference on computational computational techniques	22 & 23 Jan 2021		International	

9. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels

S. No.	Name of the Teacher	Refresher courses/ Orientation courses/ Seminars/ Work Shop National/International Conferences	Date	Institution Name

10. Details of teachers participated in Refresher courses, Orientation courses, Seminars, FDP Workshops, Conferences at national and international levels.(participant, presented paper)

S.No	Name of the Faculty Member	Name of the Seminar / Conference / Workshop/ FDP/	Title of the Paper Presented	Date

		with Organizing Institution Name		
1	Dr.B.CHITHRA	FDP, KG COLLEGE OF ARTS AND SCIENCE	EMERGIN G RESEARC H TRENDS IN COMPUTE R APPLICAT IONS	22.3.2021 – 26.3.2021
2	Dr.B.CHITHRA	CONFERENCE / ALPHA ARTS ANS SCIENCE COLLEGE	INTERNA TIONAL MULTI DESCEPLI NARY CONFERE NCE	19.03.2021
3	Dr.B.CHITHRA	WEBINAR, ARINGAR ANNA GOVT ARTS COLLEGE	WEBINAR ON CYBER CRIMES AND HUMAN RIGHTS	10.12.2020
4	Dr.B.CHITHRA	FDP SNMV CAS	ADAPTIV E SUCCESS STRATEGI ES FOR NAAC	24.11.2020- 01.12.2020
5	Mr.G.VISWANATHAN	FDP, KG COLLEGE OF ARTS AND SCIENCE	EMERGI NG RESEAR CH TRENDS IN COMPUT ER APPLICA TIONS	22.3.2021 – 26.3.2021

6	Mr.G.VISWANATHAN	WEBINAR, ARINGAR ANNA GOVT ARTS COLLEGE	WEBINAR ON CYBER CRIMES AND HUMAN RIGHTS	10.12.2020
7	Mr.G.VISWANATHAN	FDP SNMV CAS	ADAPTIVE SUCCESS STRATEG IES FOR NAAC	24.11.2020- 01.12.2020
8	Mr.G.VISWANATHAN	NATIONAL FDP HINDUSTAN COLLEGE	APPLICATI ON OF TOOLS AND TECHNIQU ES	19.12.2020- 24.12.2020
9	Mr.G.VISWANATHAN	ONLINE TRAINING PGM , BHARATHIAR UNIVERSITY	INTROD UCTION TO INDUSTR Y 4.0	23.12.2020 – 10.2.2021
10	Mr.G.VISWANATHAN	ONLINE TRAINING PGM , BHARATHIAR UNIVERSITY	MAT LAB	10.3.2021- 17.3.2021
11	Mr.P.KARTHI	WEBINAR, ARINGAR ANNA GOVT ARTS COLLEGE	WEBINAR ON CYBER CRIMES AND HUMAN RIGHTS	10.12.2020
12	Mr.P.KARTHI	FDP SNMV CAS	ADAPTIVE SUCCESS STRATEG IES FOR NAAC	24.11.2020- 01.12.2020

13	Mr.P.KARTHI	NATIONAL FDP / KALEESWARI COLLEGE OF ARTS AND SCIENCE	ADRUINO	8.6.2020- 12.6.2020
14	Mr.P.KARTHI	WEBINAR / BHARATHIAR UNIVERSITY	Transforma tion FROM TO INDUSTR Y 4.0 TO 5.0	15.06.2020 – 20.6.2020
15	Dr.B.CHITHRA	NATIONAL VIRTUAL CONFERENCE / NGP ARTS ANS SCIENCE COLLEGE	APPLICATI ONS OF DEEP LEARNING IN ARTIFICIAL INTELLIGE NCE FOR HEALTH CARE	25.3.2021
16	Mr.P.KARTHI	HANDS ON TRAINING / VELLALAR COLLEGE OF ENGINEERING AND TECHNOLOGY	HANDS ON TRAINING ON DATA SCIENCE	15.6.2020-17.6.2020
17	Mr.P.KARTHI	INTERNATIONAL WEBINAR/ HINDUSTAN COLLEGE	WEBINAR ON 6 G TECHNOL OGY	16.7.2020
18	Mr.P.KARTHI	WEBINAR/ GOVT OF INDIA MINISTRY OF IT	INTERNATI ONAL PREVENTI NG AND COMPACTI NG HUMAN TRACKING DURING PANDEMIC	10.12.2020
19	Mr.P.KARTHI	HANDS ON TRAINING / VELLALAR COLLEGE OF ENGINEERING AND TECHNOLOGY	HANDS ON TRAINING ON DATA SCIENCE	15.6.2020-17.6.2020

### 11. Awards and Recognition Received by the Faculty and Students

No of Faculty received Award/Recognitions:

Name & Designation of the Faculty Member	Name of the Award	Name & Place of the Institution from where the awards was received	Citation / Price Money if any
Dr.B.CHITHRA	BEST REVIEWER AWARD	ELSIVIER	

12.No. of Students received Awards/Recognitions:

S. No.	Name	Award/ Recognition	Issuing Institution	Date
1.	JAI SIMHA	WON II PLACE	NATIONAL RURAL MEET VIJAYAVADA	MARCH 2021
2.	MARIA JOHNSON		HADP (HILL AREA DEVELOPMENT PROGRAM) OOTY	MARCH 2021
3.	SUBADHRAANJANA	NPTEL JAVA	NPTEL SWAYAM	2020
4	KISHORE	ONLINE COURSE ARTIFICIAL INTELLIGENCE	SHRI KRISHNA ADITHYA COLLEGE	5 <sup>TH</sup> OCT 2020
5	KISHORE	ONLINE COURSE INTRODUCTION TO CYBER LAW	SHRI KRISHNA ADITHYA COLLEGE	03 JUNE 2020

13.Seminar / Conference / Workshop/ Guest Lectures Organized

S.No	Date	Title of the Activity	State whether International / National / Regional	Guest faculty/Visiting faculty details	No. of Participants	Significance of the Programme
1.	20.10.2020	Guest Lecture-WEBINAR	STATE		87	TO MOTIVATE STUDENTS
2	05.09.2020	Guest Lecture-WEBINAR	STATE		102	TO KEEN STUDENTS IDEA ON PYTHON
3	18.7.2020	On Line Workshop	STATE		57	TO ENHANCE IN NETWORKING
4	20.11.2020	Seminar - webinar	STATE		98	SEO IDEAS
5	06.1.2021	INTER COLLEGIATE VIRTUAL MEET	STATE		112	SCHOOL STUDENTS UPDATION

#### 14. Extension Activity Undertaken by the Department

S.Nos	Date	Nature of Extension Activity	Name & Place of the Organization with which the activity is undertaken	Financial / Any Other Support Received / Offered

#### 15. Student Progression to Higher education .

Year	Number of students enrolling to higher education	Department graduated from	Name of the institution joined	Name of the Program admitted to

2020-2021	1	B.Sc CT	1. SNMV CAS	1. MSC CS
	4	B.Sc CT	1. Bharathiar University 2.Nehru College 3.Govt College,Cbe 4.Hindusthan Institute of Technology	1.MSW 2.MCA 3.M.Sc IT 4.MBA

#### 16. Teaching-Learning, Evaluation.

1) Number of teachers preparing & following Academic Teaching plan : **4**

2) How many teachers use the following teaching methods : **4**

a) Interactive lecture method using blackboard, Group discussions, Seminars.

1. All the staffs use blackboard during the class session. All the staffs are conducting group discussions during their class hours were they discuss topics on technical, general, current trends.
2. Our Computer Technology Department staffs handled the session network routing for the students using ROLE PLAY Method, Interactive participative method, paper presentation, quiz etc



b) Use ICT methods to support lectures.

Yes the computer technology department has created the blog "SNMVCT@WORDPRESS.COM" and we have posted the ppts, videos, notes etc for each year subject wise.

3) Does the department have any mechanism to ensure that entire syllabus is completed?

Yes, before each CIA exams monthly class committee will be conducted to ensure that whether portions are completed as per the planning. More over in in our department HOD will confirm with the students about the status of portion completion status and minutes of meeting will be conducted if any deviation happens.

4) Do you offer Bridge/Remedial courses? If yes, Give details

For **slow learners** Remedial Classes will be conducted after each CIA exams. Depending upon their performance in each subject's special attention will be given accordingly. Last 5 years question papers will be discussed during their remedial classes so that they can clear the university exam without arrear. During session also simple methodology will be used to clear the concept in easy manner.

**Medium Learners:** By using a group blog to create a sustained conversation, can potentially engage students in ways that help them think theoretically about their collective voice.

Remedial class have been conducted for those who are struggling learners shore up their basic skills. This extra support can help them catch up to their peers.

**Aptitude:** We are conducting Aptitude for those who are lacking in numerical reasoning, logic reasoning etc. It will help for students to improve their basic mathematic knowledge who studied non-maths students in +2 levels.

**Communication:** With the help of English department we are conducting communication class for those who are lacking in Verbal reasoning, letter sequences and grammar. It will help them to improve their communication who studied tamil medium students in +2 level.

**Basic Computer Class:** We are conducting bridge course who studied non-computer students in +2 level. It will help them to improve fundamental concepts of computer

17. Teacher Performance:

1) Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analyzed and suggestions communicated to teachers?

yes during class committee the feedbacks are analyzed and communicated to the teacher through the respective department Head.

2) Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department?

No Instead of that we will have a grievance and redressal committee in our department here the problems of the students will be identified and discussed with the Head and the respective tutors.

3) Are the suggestions received from students used for improvement of facilities?

Yes each tutor will receive suggestion form their students and have a discussion with the HOD of the department. If the suggestions are valid the HOD will recommend the same to the principal.

4) Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the university with comments?

Yes for every academic year all the staff will submit the staff self appraisal to the HOD, the HOD will verify the same and give a comment about their performance to the Principal.

5) What is the method for conducting internal evaluation?

We will conduct CIA I,II,III exam during each semester for theory and practical examinations and also for each subject assignments were given and included in their internals..

18. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1. The program outcomes and program specific outcomes are monitored by conducting class committee meeting after the each CIA exam completion. In that meeting feedback from the students will be collected for each subject. It contains the following details to measure the program outcome of each subject.

2. Teaching methodology (Whether the staff using e-learning mechanism in taking class)
3. Availability of study material (posting the materials in blogs)
4. Assignments and seminars given (in blogs)
5. Syllabus coverage using modern teaching equipments ( LCD, BLOG, YOUTUBE)
6. Clarifying doubts in the subjects using real time applications.
7. Students participating the technical events in other colleges and winning.

19. Describe the adequacy of infrastructural & physical facilities for teaching -learning .

20. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department.

a. **Strengths:**

1. The strength of the Computer Technology Department is Unity among the . Staff mentality to know about the latest technology.
2. The parentally care about the students both personally and towards academic also.
3. The Department aims at providing high quality training to students through the latest in computer technology. In order to maintain the standard of education, the department constantly upgrades the academic syllabi so as to keep the students well trained to deal with changing trends in the field of Computer Science and Technology. The syllabi and courseware are planned to be flexible and wide-ranging, incorporating the cutting edge as well as ensuring a firm grasp of core fundamentals. Project based training given to students individually.

b. **Weaknesses:**

- i. The minor weakness about the department is students lagging of adaptability.

c. **Opportunities:**

- i. They get opportunity to meet the Corporate persons and get trained by them in various fields through the workshop, seminar the department conducts along with our signed MoU.

d. **Challenges:**

i. Scope for higher education & Job Opportunities in perusing Computer Technology.

**Private Sectors**

- Data Analyst
- Word Processor
- Systems Manager
- Software Administrator
- Security Administrator
- IT Manager
- Telecommunications

**Govt Sector :**

- UPSC, RRB, CDS , AAI, FCI, NTPC, Bank Sectors

**Higher Studies after persuing B.Sc Computer Technology**

- 3D Animation and Visual Effects
- Advance Diploma in Hardware and Networking (ADHN)
- Advanced Diploma in Multi-lingual Computer Programming (ADMCP)
- CCNA
- Certification Program for Network Planning and Optimization
- Certification Program for Telecom Software Testing
- Certified Professional for the Web Development
- Database Administration
- HCE+ (Hardware Course)
- IHT Certified Network Professional
- IIJT Certified Networking Expert (IC- Next) (PC NEXT)
- Information Security and Ethical Hacking
- Integrated Master of Computer Application (IMCA)
- M.Sc. Computer Science

- Master in Computer Management (MCM)
- Master of Science Information Technology MSc (IT)
- MBA
- MBA Telecommunication Systems Management
- MCA
- Microsoft Certified System Engineer (MCSE)
- Red Hat Certified Engineer (RHCE)
- Robotics Course
- SAP Courses
- TCNP Certification
- Web & Software Engineering
- MSC Information Technology

21. Describe at least two Departmental **Best** practices. (As per NAAC format : each 100 words )

**Title of the Practice : 1. Conducting Activity based Programs.**

**Objective of the Practice :** To develop the learning environment focused on real time trends.

**The Context :** In today's digitized world it is inadequate to satisfy the interests and aspirations of the students, it was necessary for the department to move with the times and offer programmes to cater to the diverse needs of the students according to their learning ability and pace of learning.

**The Practice :** In our department we do conduct classes with more interactive, realistic and student centric manner.

**Evidence of Success:** Conducted workshops related to project development, team building activity in class rooms, snap talk technique, interactive session, black board activity etc.

**Problem Encountered and Resources Required :**

Individual counseling and guiding takes time and there was resistance from the faculty. There was difficulty in equalization of semester duration and work load because of the holiday timings around religious festivals.

**Title of the Practice : 2. Promoting More Hands on Training programs**

**Objective of the Practice :** To train the students to meet the industrial needs.

**The Context :** In today's digitized era students need to be updated in the current technologies so that they can satisfy the industrial expectations.

**The Practice:** We frequently conduct hands on training program with industrial experts through MOU, local industrial visits, Workshops on Trending software's

**Evidence of Success:** More students got placed in reputed companies such as **TCS, WIPRO, CTS, FOCUS EDUMATICS, TIYAN INFOTECH, BRIGHT STAR, AMAZON etc.**

**Problem Encountered and Resources Required :** There was difficulty in equalization of semester duration and work load.

22. Departmental Distinctiveness : ( 200 words)

- The Computer Technology Department mainly concentrates on hands on training program to expose practical knowledge to the students.
- More number of training programs are given to meet the industrial challenges.
- Research oriented workshops were conducted for Research scholars and staffs from other colleges.
- In order to inculcate social responsibilities to the students extension activities were conducted such as green Ganapathy, Motivational soft skill activity programs from NGO's.
- Local industrial training will be given to the final year students so that they can have a basic idea about industries.
- To improve communication skill in each class smart talk technology is implemented.

More students got placed in reputed companies such as INFOSYS, TCS, WIPRO, CTS, FOCUS EDUMATICS, TIYAN INFOTECH, BRIGHT STAR, AMAZON etc.

23. Plan of action for next academic year : ( 2021-22 )

**a. Long term plans:**

- Planned to increase the university rank
- Planned to get 100 % placement

**b. Short term plans :**

- Planned to organize National level workshop for next academic year.
- Planned to organize National level conference for next academic year.
- More Local industrial visit will be organized.
- Guest lectures form the syllabus topics will be organized.

24. No. of Mphil / Ph.D produced by the faculty : Yes/No, If Yes, Give the details

S.No	Name & Designation of the Faculty Member	Name of the Candidate	Mphil / Ph.D	Title of the Thesis
<b>NIL</b>				

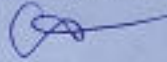
25. Number of students cleared Civil Services and Defense Services examinations, NET, SET,

GATE and other competitive examinations? Yes/No, If Yes, Give the details.

Year	MPSC/UPSC	NET/ SET	GATE	Other Exams	Total
<b>NIL</b>					

26. Number of students undertaking filed project/internships: Yes/No, If Yes, Give the details

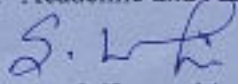
Year	Name of the programme	Number of students undertaking field projects / internships
2020-2021	PROJECT	32




Head of the Department (HOD): Mr. Viswanathan

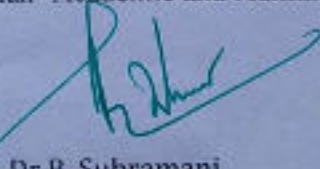
Date:

Member- Academic and Administrative Audit Committee

  
1. Mrs. S. Kavunthi  
IQAC Co-Ordinator  
SNMV CAS

  
2. Dr. C. Suresh  
HOD-BCOM PA  
SNMV CAS

Chairman- Academic and Administrative Audit Committee

  
Dr. B. Subramani  
PRINCIPAL  
SNMV CAS

PRINCIPAL  
SHRI NEHRU MAHA VIDYALAYA  
COLLEGE OF ARTS & SCIENCE  
SHRI GAMBIRMAI DAFNA NAGAR,  
MALUMACHAMPATTI  
COIMBATORE - 641 050







# **SNMV** College of Arts & Science Institute of Management ( Shri Nehru Maha Vidyalaya )



Re-Accredited with 'A' Grade by NAAC - ISO 9001:2008 Certified Institution  
Estd. 1989 ( Approved by Govt. of Tamilnadu, AICTE New Delhi, Affiliated to Bharathiar University, Coimbatore )

Sponsors  
Estd. 1964

Academic and Administrative Audit for the Academic Year 2020-21

(Academic year 2020-2021; 1st June 2020 to 31st December 2021 )

## EVALUATIVE REPORT OF THE DEPARTMENT

- 1.Name of the Department : MBA
- 2.Year of establishment : 1994
- 3.Name of Programmes / Certificate / Add on Courses offered ( UG, PG, M.Phil., Ph.D., etc)

	Name of the Programme	Year of Introduction	Title of the		
			Certificate Courses	Add on Courses	MOOC /Online Course
		NIL			

4. Faculty profile with Name, Qualification, Designation, Specialization,(NET /SET/Ph.D/ M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No. of years of Teaching/ Research Experience
Dr.T.P.Krishna Kumar	M.B.A Ph.D;	Director (Upto march 2021)	Health Care	18
Dr.K.Muthu Kumar	M.B.A;M.Phil;Ph.D	Director (Since April 2021)	Finance	18
Dr.S.Sudhakar	M.B.A Ph.D;UGC NET	HoD	Marketing	27
Mrs.S.Rajeswari	M.B.A UGC NET	Asst Professor	Human Resources	7
Mr.Sunil Pradeep S	B.E; M.B.A UGC NET	Asst Professor	Finance	4

Ms.Aswini Bharathi	M.B.A UGC NET	Asst Professor	Health Care	0.3
Mr.Vishnu Sajan	M.B.A UGC NET	Asst Professor	Human Resources	0.3

5. Student -Teacher Ratio (Programme wise) :

Year	Programme	Staff Strength			Student Strength			Ratio Student: Staff
		M	FM	Total	M	FM	Total	
I year	MBA	3	1	4	16	19	35	1:4
II year	MBA	3	1	4	28	17	45	1:4

6.Student profile programme-wise ,Enrollment Details. ( UG, PG, M.Phil., Ph.D., etc) -2020

Name of the Programme	Seats Available	Applications Received	No. of students Admitted	Male	Female	No. of students from			Total
						Other states	within the state	Other countries	
MBA	120	45	35	16	19	1	34	-	35

7.Pass Percentage of final year students ( UG and PG): 2020-21 Passed out

Academic Year	Title of the Programme	Total no. of students appeared	Total no. of students passed	Pass %	Division				
					Distinction %	I %	II %	III %	Pass %
2020-2021	MBA	45	45	100%	27%	73%	-	-	100%

8. Publications: (Academic Year 1st June 2020 to 31st December 2021)

Number of papers published in peer reviewed journals (National / International) by faculty and Students

No. of Faculty: 4

No. of Students: 80

S.No.	Name of the Faculty	Title of the Article	Journal Name Volume No. Page No.	Month & Year	ISSN/ ISBN No.	National / International	UGC approved/ Other
1.	Mrs.S. Rajeshwari	IMPACT OF TALENT MANAGEMENT ON EMPLOYEE EFFECTIVENESS	Mukt Shabd Journal 6829- 6840 Volume IX, Issue VI,	JUNE-2020	ISSN NO: 2347-3150	National	UGC Approved

9. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels

S. No.	Name of the Teacher	Refresher courses/ Orientation courses/ Seminars/ Work Shop National/International Conferences	Date	Institution Name
1	Dr T.P.Krishna kumar	Online FDP on "Design thinking/AICTE Training and Learning (ATAL) Academy	07-09-2020 to 11-09-2020	AICTE- Atal Academy
2	Dr.S.Sudhakar	Seven Success Strategies For NAAC	24/11/2020 to 1/12/2020	SNMVCAS
3	Mrs.S. Rajeshwari	Two-Day On-line FDP on Data Analysis using SPSS	2/07/2020 to 03/07/2020	Jain University
4	Mr. Sunil Pradeep S	"NAAC Accreditation Process for Autonomous Colleges" Day FDP on "Adaptive	21/06/2020	Rathinam College of Arts and Science.
5	Mr. Sunil Pradeep S	Online FDP on "Block Chain " /AICTE Training and Learning (ATAL) Academy	11/12/2020 to 15/12/2020	Alagappa University

10. Details of teachers participated in Refresher courses, Orientation courses, Seminars, FDP Workshops, Conferences at national and international levels.(participant, presented paper)

S.No	Name of the Faculty Member	Name of the Seminar / Conference / Workshop/ FDP/ with Organizing Institution Name	Title of the Paper Presented	Date
		NIL		

11. Awards and Recognition Received by the Faculty and Students

No of Faculty received Award/Recognitions:

Name & Designation of the Faculty Member	Name of the Award	Name & Place of the Institution from where the awards was received	Citation / Price Money if any
	nil		

12. No. of Students received Awards/Recognitions:

S. No.	Name	Award/ Recognition	Issuing Institution	Date
1	Ms.C. V Shangeetha	University Third Rank	<b>Bharathiar University</b>	28/01/2021

13. Seminar / Conference / Workshop/ Guest Lectures Organized

S.No	Date	Title of the Activity	State whether International / National / Regional	Guest faculty/Visiting faculty details	No. of Participants	Significance of the Programme
			NIL			

#### 14. Extension Activity Undertaken by the Department

S.Nos	Date	Nature of Extension Activity	Name & Place of the Organization with which the activity is undertaken	Financial / Any Other Support Received / Offered
		NIL		

#### 15. Student Progression to Higher education.

Year	Number of students enrolling to higher education	Department graduated from	Name of the institution joined	Name of the Program admitted to
			NIL	

#### 16. Teaching-Learning, Evaluation.

- 1) Number of teachers preparing & following Academic Teaching plan : **5**
- 2) How many teachers use the following teaching methods : **5**

- a) Interactive lecture method using blackboard, Group discussions, Seminars.
- b) Use ICT methods to support lectures.

- 3) Does the department have any mechanism to ensure that entire syllabus is completed?  
NO

- 4) Do you offer Bridge/Remedial courses? If yes, Give details

#### 17. Teacher Performance:

- 1) Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analyzed and suggestions communicated to teachers?

YES

2) Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department?

NO

3) Are the suggestions received from students used for improvement of facilities?

YES

4) Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the university with comments?

YES

5) What is the method for conducting internal evaluation?

CIA Test is been conducted based on the syllabus completion apart from the scores of the exams, Internal Evaluation is done based on the Individual or group presentations simulation games/Role Play, Case studies and Corporate Live Assignments.

18. How does the department ensure that programme objectives are constantly met and Learning outcomes are monitored?

By receiving feedback and Assesments.

19. Describe the adequacy of infrastructural & physical facilities for teaching -learning.

<b>S. No.</b>	<b>Particulars</b>	<b>Nos</b>
1	Class Rooms	4 Nos
2	Tutorial Rooms	2 Nos
3	Computer Lab	1 No
4	Seminar Hall	1 No
5	Boys common room	1 No
6	Girls Common room	1 No
7	First aid cum sick room	1 No
8	Placement Office	1 No
9	Department Office	1 No
10	Stationery store	1 No
11	Central Store	1 No
12	Exam Control Office	1 No

20. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department.

a. **Strengths:**

- a. 27 years of existence
- b. Strong alumni base
- c. Infrastructure
- d. Pedagogy
- e. Quality and affordable programs

b. **Weaknesses:**

- a. Lack of Collaborative research.
- b. Insufficient duration of industrial visits & internship
- c. Less Participation of alumni.
- d. Industry Interaction needs improvement.
- e. admission enrollment needs improvement.

c. **Opportunities:**

- a. Proper Utilization of MOUs for technological learning in organizations
- b. Provide Entrepreneurial Concentration
- c. Experiential Learning
- d. To augment with the societal requirements
- e. Linkages with more professional Bodies.

d. **Challenges:**

- a. Scaling up R&D Collaborative Research.
- b. Cutthroat Competition in offering Online MBA Programs
- c. High redundancy rate of available Technology
- d. Limited resource funding from Research Agencies
- e. Enhancing the communication and employability skills of students.

21. Describe at least two Departmental **Best** practices. (As per NAAC format: each 100 words)

1. News Analysis

The Practice of Conducting News Analysis every day is to provide opportunity for the students to be familiar with the latest updation in the business world and to interpret the news item in line with the theoretical concept and to connect the subject with the real world. It also helped students to improve communication and their presentation skills.

The News Presentation can serve as a kind of listening comprehension exercise, this helps to connect the people with the current happenings in the business world. Students are encouraged to share their ideas and therefore help to create collaborative atmosphere where the teachers and students are the source of knowledge and insight.

## 2. Mentoring

Mentoring is a process of maintaining good relationships with the student to share the knowledge, experience and advise them on improving their skills and advance their abilities to become successful in their career. Mentor coaches their students on various aspects like career and life issues.

Mentors help the students to have a clarity in their goals, and to learn specific skills, knowledge and also helps in developing competencies and personal qualities. Mentor will act as a critical friend who give constructive feedback and motivate them to achieve challenges. Students will be benefited with gaining valuable advice, developing their knowledge and skills, improving their communication skills and building networks.

## 22. Departmental Distinctiveness: (200 words)

The department offers an Industry Integrated MBA, which aims at creating thorough management professionals with domain expertise, skills and leadership qualities. The following are the highlights of the program that gives distinctiveness. The Program aims at bringing behavioral and professional transformation among the management graduates through industry integration and to develop them with character and competence to take up challenging roles in corporate or to become an entrepreneur and to deliver value to the society at large.

We follow a Practice Oriented Learning Pedagogy and it gives opportunity for Industry Immersion, Student Mentoring by industry experts and alumni, subject / concept-based industry visit, Domain Mentoring by industry visits, Membership in professional bodies, Practical learning Interaction with industry experts, participation in live projects, research, consultancy. We focus on training students to gain Industry Validated Certifications, Business Analytics Certifications, Digital Marketing Certifications, CII Certifications/MS-Excel Certification.

## 23. Plan of action for next academic year: (2021-22)

### **a. Long term plans:**

1. International Alliances for SNMVIM
2. NEP Compliance by 2030
3. Residential MBA by 2027
4. International Accreditation – AACSB - to get international accreditation by 2030

### **b. Short term plans:**

1. Adoption of Innovative Pedagogy
2. Entrepreneurship Development



3. Personality Development.
4. Certification Courses for MBA students (Business Analytics, AI, Block-chain, etc)
5. **New Verticals in MBA** – by AY:2021-22
  - a. MBA –BFSI - Industry integrated with the focus on MBA graduates highly sought after by companies in BFSI Sector
    - i. DBF – Diploma in Banking and Finance – Banking Sector
    - ii. NISM Certificates – Financial Services Sector
    - iii. IRDA Certification – Insurance Sector
  - b. MBA – Research -6 year Integrated program -( MBA + Ph.D.)

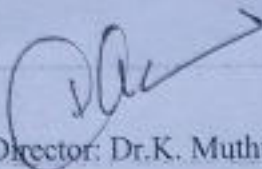
24. No. of Mphil / Ph.D produced by the faculty : Yes/No, If Yes, Give the details :**NO**

25. Number of students cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Yes/No, If Yes, Give the details

**NO**

26. Number of students undertaking filed project/interships : Yes/No, If Yes, Give the details

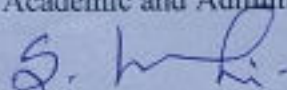
Year	Name of the programme	Number of students undertaking field projects / internships
2020-2021	PROJECT	35



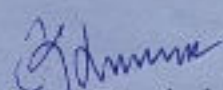
Director: Dr.K. MuthuKumar

Date:

Member- Academic and Administrative Audit Committee

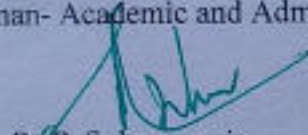


1.Mrs.S. Kavunthi  
IQAC Co-Ordinator  
SNMV CAS



2. Mrs.K. Tamilselvi  
HOD-BSc CS  
SNMV CAS

Chairman- Academic and Administrative Audit Committee



Dr.B. Subramani  
PRINCIPAL  
SNMV CAS



PRINCIPAL  
SHRI NEHRU MAHA VIDYALAYA  
COLLEGE OF ARTS & SCIENCE  
SHRI GAMBIRMAL BAFNA NAGAR,  
MALUNJACHAMPATTI  
COIMBATORE - 641 050



# **SNMV** College of Arts & Science Institute of Management ( Shri Nehru Maha Vidyalaya )



Re-Accredited with 'A' Grade by NAAC - ISO 9001:2008 Certified Institution

Etd. 1989 (Approved by Govt. of Tamilnadu, AICTE New Delhi, Affiliated to Bharathiar University, Coimbatore)

Etd. 1964

## **Academic And Administrative Audit For the Academic Year 2020-21**

### **Auditors Report :**

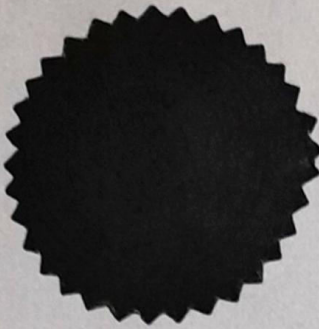
The following Suggestions given by the Auditors

- ❖ To introduce certificate Course
- ❖ To Increase Journal and Book Publications
- ❖ Activities under MOUs
- ❖ To attend various Orientation Programme and participating in Conferences and presenting papers in conferences
- ❖ To increase Cultural activities
- ❖ Motivate students to join Online courses like MOOC, SWAYAM etc.
- ❖ Motivate students to participate in Seminars and workshops.
- ❖ Programs for Advanced learners and Slow learners.
- ❖ Attainment of Outcome.
- ❖ Motivate our students to join Our SNMV IAS Academy to attend Competitive examinations.
- ❖ More number of students to participate in placement training and soft skill training.
- ❖ Guidance to implementation of start ups
- ❖ Participation in EDC Programms.
- ❖ Guidance to join in NSS and NCC Programme of SNMV CAS.
- ❖ To motivate to participate in sports activities.



**Principal**

PRINCIPAL,  
SHRI NEHRU MAHA VIDYALAYA  
COLLEGE OF ARTS & SCIENCE  
SHRI CAMERINAL DATTA NAGAR,  
MALUMACHAMPATTI  
COIMBATORE - 641 029



ORIGINAL

No. 105815

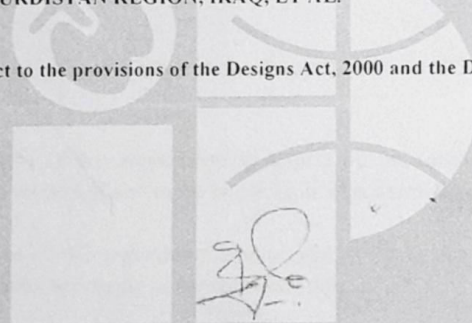
भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 351754-001  
Date 22/10/2021 12:11:52  
Reciprocity Date\*  
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 19-06 in respect of the application of such design to STOCK MARKET INDICATION WRITING INSTRUMENTS in the name of 1.DR. G. GABRIEL PRABHU, ASSISTANT PROFESSOR IN COMMERCE, SNMV COLLEGE OF ARTS AND SCIENCE, MALUMICHAMPATTI, COIMBATORE, TAMIL NADU, INDIA- 641050 2. DR. S. VASUNDHARA, ASSISTANT PROFESSOR OF MATHEMATICS, G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE, SHAIKPET, HYDERABAD, INDIA 3. DR. M. PRABHU, ASSISTANT PROFESSOR, DEPARTMENT OF BUSINESS ADMINISTRATION, COLLEGE OF ADMINISTRATION AND ECONOMICS, LEBANESE FRENCH UNIVERSITY, ERBIL, KURDISTAN REGION, IRAQ 4. DR. RAMYAR RZGAR AHMED, DEAN, COLLEGE OF ADMINISTRATION AND ECONOMICS, LEBANESE FRENCH UNIVERSITY, ERBIL, KURDISTAN REGION, IRAQ, ET AL.

in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.



Controller General of Patents, Designs and Trade Marks

\*The reciprocity date (if any) which has been allowed and the name of the country.

Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.

This Certificate is not for use in legal proceedings or for obtaining registration abroad

DR. G. GABRIEL PRABHU,  
CG02, ANNAI AATHIKA APARTMENT, BODIPALAYAM  
ROAD, MALUMICHAMPATTI, COIMBATORE 641050

Date of Issue 08/12/2021 15:45:45

Dr. G. Gabriel Prabhu  
Dr. S. Vasundhara  
Dr. M. Prabhu  
Dr. Ramyar Rzgar Ahmed  
Muhammed Salim K C  
Salauddeen Shaik  
Dr. Feeroj Nasirkhan Pathan  
Ms. K. Gowri  
Dr. A. Muthulakshmi  
Dr. B. Vidya



**FRONT VIEW**

**We Claim that:**

The novelty resides in the shape and configuration of the "STOCK MARKET INDICATION WRITING INSTRUMENTS" as illustrated

No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

**Dated 22 OCTOBER 2021**

**For, (Applicant)**

Dr. G. Gabriel Prabhu *G. Gabriel Prabhu*  
Dr. S. Vasundhara *Vasundhara*  
Dr. M. Prabhu *M. Prabhu*  
Dr. Ramyar Rzgar Ahmed *Rzgar Ahmed*  
Muhammed Salim K C *Muhammed Salim K C*  
Salauddeen Shaik *Salauddeen Shaik*  
Dr. Feeroj Nasirkhan Pathan *Feeroj Nasirkhan Pathan*  
Ms. K. Gowri *K. Gowri*  
Dr. A. Muthulakshmi *A. Muthulakshmi*  
Dr. B. Vidya *B. Vidya*

351754-001

22 OCT 2021

Dr. G. Gabriel Prabhu  
Dr. S. Vasundhara  
Dr. M. Prabhu  
Dr. Ramyar Rzgar Ahmed  
Muhammed Salim K C  
Salauddeen Shaik  
Dr. Feeroj Nasirkhan Pathan  
Ms. K. Gowri  
Dr. A. Muthulakshmi  
Dr. B. Vidya



**REAR VIEW**

**We Claim that:**

The novelty resides in the shape and configuration of the "STOCK MARKET INDICATION WRITING INSTRUMENTS" as illustrated

No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

**Dated 22 OCTOBER 2021**

**For, (Applicant)**

Dr. G. Gabriel Prabhu *G. Gabriel Prabhu*  
Dr. S. Vasundhara *S. Vasundhara*  
Dr. M. Prabhu *M. Prabhu*  
Dr. Ramyar Rzgar Ahmed *R. R. Ahmed*  
Muhammed Salim K C *M. Salim K C*  
Salauddeen Shaik *S. Shaik*  
Dr. Feeroj Nasirkhan Pathan *F. Pathan*  
Ms. K. Gowri *K. Gowri*  
Dr. A. Muthulakshmi *A. Muthulakshmi*  
Dr. B. Vidya *B. Vidya*

351754-001

22 OCT 2021

Dr. G. Gabriel Prabhu  
Dr. S. Vasundhara  
Dr. M. Prabhu  
Dr. Ramyar Rzgar Ahmed  
Muhammed Salim K C  
Salauddeen Shaik  
Dr. Feeroj Nasirkhan Pathan  
Ms. K. Gowri  
Dr. A. Muthulakshmi  
Dr. B. Vidya

Sheet 3 of 7



#### TOP VIEW

#### We Claim that:

The novelty resides in the shape and configuration of the "STOCK MARKET INDICATION WRITING INSTRUMENTS" as illustrated

No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

Dated 22 OCTOBER 2021

For, (Applicant)

Dr. G. Gabriel Prabhu *G. Gabriel Prabhu*  
Dr. S. Vasundhara *S. Vasundhara*  
Dr. M. Prabhu *M. Prabhu*  
Dr. Ramyar Rzgar Ahmed *R. R. Ahmed*  
Muhammed Salim K C *M. Salim K C*  
Salauddeen Shaik *S. Shaik*  
Dr. Feeroj Nasirkhan Pathan *F. Pathan*  
Ms. K. Gowri *K. Gowri*  
Dr. A. Muthulakshmi *A. Muthulakshmi*  
Dr. B. Vidya *B. Vidya*

351754 - 001  
22 OCT 2021

Dr. G. Gabriel Prabhu  
Dr. S. Vasundhara  
Dr. M. Prabhu  
Dr. Ramyar Rzgar Ahmed  
Muhammed Salim K C  
Salauddeen Shaik  
Dr. Feeroj Nasir Khan Pathan  
Ms. K. Gowri  
Dr. A. Muthulakshmi  
Dr. B. Vidya



**BOTTOM VIEW**

**We Claim that:**

The novelty resides in the shape and configuration of the "STOCK MARKET INDICATION WRITING INSTRUMENTS" as illustrated

No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

**Dated 22 OCTOBER 2021**

**For, (Applicant)**

Dr. G. Gabriel Prabhu *G. Gabriel Prabhu*  
Dr. S. Vasundhara *S. Vasundhara*  
Dr. M. Prabhu *M. Prabhu*  
Dr. Ramyar Rzgar Ahmed *R. Ramyar*  
Muhammed Salim K C *M. Salim K C*  
Salauddeen Shaik *S. Salauddeen*  
Dr. Feeroj Nasir Khan Pathan *F. Nasir Khan*  
Ms. K. Gowri *K. Gowri*  
Dr. A. Muthulakshmi *A. Muthulakshmi*  
Dr. B. Vidya *B. Vidya*

351754-001

22 OCT 2021



Dr. G. Gabriel Prabhu  
Dr. S. Vasundhara  
Dr. M. Prabhu  
Dr. Ramyar Rzgar Ahmed  
Muhammed Salim K C  
Salauddeen Shaik  
Dr. Feeroj Nasirkhan Pathan  
Ms. K. Gowri  
Dr. A. Muthulakshmi  
Dr. B. Vidya



**RIGHT VIEW**

**We Claim that:**

The novelty resides in the shape and configuration of the "STOCK MARKET INDICATION WRITING INSTRUMENTS" as illustrated

No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

**Dated 22 OCTOBER 2021**

**For, (Applicant)**

Dr. G. Gabriel Prabhu *G. Gabriel*  
Dr. S. Vasundhara *S. Vasundhara*  
Dr. M. Prabhu *M. Prabhu*  
Dr. Ramyar Rzgar Ahmed *R. Ahmed*  
Muhammed Salim K C *M. Salim K C*  
Salauddeen Shaik *S. Shaik*  
Dr. Feeroj Nasirkhan Pathan *F. Pathan*  
Ms. K. Gowri *K. Gowri*  
Dr. A. Muthulakshmi *A. Muthulakshmi*  
Dr. B. Vidya *B. Vidya*

351754-001

22 OCT 2021

Dr. G. Gabriel Prabhu  
Dr. S. Vasundhara  
Dr. M. Prabhu  
Dr. Ramyar Rzgar Ahmed  
Muhammed Salim K C  
Salauddeen Shaik  
Dr. Feeroj Nasir Khan Pathan  
Ms. K. Gowri  
Dr. A. Muthulakshmi  
Dr. B. Vidya



**LEFT VIEW**

**We Claim that:**

The novelty resides in the shape and configuration of the "STOCK MARKET INDICATION WRITING INSTRUMENTS" as illustrated

No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

**Dated 22 OCTOBER 2021**

**For, (Applicant)**

Dr. G. Gabriel Prabhu *G. Gabriel Prabhu*  
Dr. S. Vasundhara *Vasundhara*  
Dr. M. Prabhu *M. Prabhu*  
Dr. Ramyar Rzgar Ahmed *R. Ahmed*  
Muhammed Salim K C *M. Salim K C*  
Salauddeen Shaik *S. Shaik*  
Dr. Feeroj Nasir Khan Pathan *F. Pathan*  
Ms. K. Gowri *K. Gowri*  
Dr. A. Muthulakshmi *A. Muthulakshmi*  
Dr. B. Vidya *B. Vidya*

351754-001

22 OCT 2021

Dr. G. Gabriel Prabhu  
Dr. S. Vasundhara  
Dr. M. Prabhu  
Dr. Ramyar Rzgar Ahmed  
Muhammed Salim K C  
Salauddeen Shaik  
Dr. Feeroj Nasirkhan Pathan  
Ms. K. Gowri  
Dr. A. Muthulakshmi  
Dr. B. Vidya



**PERSPECTIVE VIEW**

**We Claim that:**

The novelty resides in the shape and configuration of the "STOCK MARKET INDICATION WRITING INSTRUMENTS" as illustrated

No claim is made by virtue of this registration in respect of any mechanical or other action of any mechanism whatever or in respect of any mode or principle of construction of the Article

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, numbers, Color, or trademarks appearing in the representation.

Dated 22 OCTOBER 2021

**For, (Applicant)**

Dr. G. Gabriel Prabhu *G. Gabriel*  
Dr. S. Vasundhara *vasundhara*  
Dr. M. Prabhu *m. prabhu*  
Dr. Ramyar Rzgar Ahmed *Rzgar*  
Muhammed Salim K C *Salim K C*  
Salauddeen Shaik *Salauddeen*  
Dr. Feeroj Nasirkhan Pathan *Feeroj*  
Ms. K. Gowri *K. Gowri*  
Dr. A. Muthulakshmi *A. Muthulakshmi*  
Dr. B. Vidya *B. Vidya*

351754-001

22 OCT 2021



Australian Government

IP Australia

# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105738

The Commissioner of Patents has granted the above patent on 10 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

RAMACHANDRA C G of #A/42, 9TH MAIN, 2ND STAGE, SRIRAMPURA, CHAMARAJA MOHALLA MYSURU KARNATAKA 570023 India

D P SUDHAGAR of ASSOCIATE PROFESSOR, DIRECTOR – IQAC AND, CEO – GCU INCUBATION CENTER, GARDEN CITY UNIVERSITY BENGALURU KARNATAKA 560049 India

S MEENATCHISUNDARAM of ASSOCIATE PROFESSOR, DEPARTMENT OF MICROBIOLOGY, SHRI NEHRU MAHAVIDYALAYA COLLEGE OF ARTS AND SCIENCE COIMBATORE TAMIL NADU 641050 India

S R MADHAN SHANKAR of DEAN ACADEMICS, KONGUNADU ARTS AND SCIENCE COLLEGE COIMBATORE TAMIL NADU 641029 India

R NITHIAVATHY of ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SRI KRISHNA COLLEGE OF TECHNOLOGY COIMBATORE TAMIL NADU 641042 India

MAGESH RANGARAJU of ASSISTANT PROFESSOR, DEPARTMENT OF CHEMICAL ENGINEERING, WACHEMO UNIVERSITY HOSSANA Ethiopia

MANI P of ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, K RAMAKRISHNAN COLLEGE OF TECHNOLOGY TIRUCHIRAPPALLI TAMIL NADU 621112 India

V KARTHIKEYAN of PROFESSOR AND HEAD, DEPARTMENT OF BIOTECHNOLOGY, KARPAGA VINAYAKA COLLEGE OF ENGINEERING AND TECHNOLOGY CHENGALPATTU TAMIL NADU 603308 India

S MALIK RAJ of PRINCIPAL, ARIFA INSTITUTE OF TECHNOLOGY, ESANOOR NAGAPATTINAM TAMIL NADU 611103 India

**Title of invention:**

AN INTELLIGENT STORAGE SYSTEM FOR FOOD ITEMS

**Name of inventor(s):**

C. G., RAMACHANDRA; SUDHAGAR, D. P.; MEENATCHISUNDARAM, S.; SHANKAR, S. R. MADHAN; NITHIAVATHY, R.; RANGARAJU, MAGESH; P., MANI; KARTHIKEYAN, V. and RAJ, S. MALIK

**Term of Patent:**

Eight years from 18 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 10<sup>th</sup> day of November 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

पेटेंट कार्यालय  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

निर्गमन सं. 51/2021

ISSUE NO. 51/2021

शुक्रवार

FRIDAY

दिनांक: 17/12/2021

DATE: 17/12/2021

पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

X6 =  
3 =  
= 1  
= 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2021

(21) Application No.202141057841 A

(43) Publication Date : 17/12/2021

(54) Title of the invention : PRODUCTION OF BIOGAS AND BIO-FERTILIZERS BY INNOVATIVE PROCESS FROM ORGANIC WASTE

(51) International classification :C02F0011040000, G01N0023200000, C12P0005020000, C10G0045620000, C10L0005360000  
(86) International Application No :PCT//  
Filing Date :01/01/1900  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

1)Dr N Saranya

Address of Applicant :Dr N Saranya, Assistant Professor, Department of Biotechnology, Nehru Arts and Science College Coimbatore - 641105. nacsaranya.n@nehrucollges.com 8870244345. -----

2)Dr. T. H. Sukirtha

3)Dr. R. Vijayaraghavan

4)Dr. S. Meenatchisundaram

5)Dr. Surindar Gopalrao Wawale

6)Dr. C. Vinothini

7)Dr Ashok Kumar Koshariya

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Dr N Saranya

Address of Applicant :Dr N Saranya, Assistant Professor, Department of Biotechnology, Nehru Arts and Science College Coimbatore - 641105. nacsaranya.n@nehrucollges.com 8870244345. -----

2)Dr. T. H. Sukirtha

Address of Applicant :Dr. T. H. Sukirtha, Professor, Department of Microbiology, Nehru Arts and Science College, T. M. Palayam , Coimbatore -641105 -----

3)Dr. R. Vijayaraghavan

Address of Applicant :Dr. R. Vijayaraghavan, Associate Professor, Department of Microbiology, PSG College of Arts and Science, Coimbatore-641014. -----

4)Dr. S. Meenatchisundaram

Address of Applicant :Dr. S. Meenatchisundaram, Associate Professor , Department of Microbiology ,Shri Nehru Maha Vidyalyal College of Arts & Science, Shri Gambhirimal Bafna Nagar, Malumachampatti, Coimbatore – 641050

5)Dr. Surindar Gopalrao Wawale

Address of Applicant :Dr. Surindar Gopalrao Wawale, Assistant Professor, Department of Geography, Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole, Savitribai Phule Pune University-422601, Maharashtra, India -----

6)Dr. C. Vinothini

Address of Applicant :Dr. C. Vinothini, Assistant Professor, Department of Physics, D.K.M College for Women, Vellore - 632001, Tamilnadu, India. -----

7)Dr Ashok Kumar Koshariya

Address of Applicant :Dr Ashok Kumar Koshariya, Assistant Professor, Department of Plant Pathology, School of Agriculture, Lovely Professional University Jalandhar Punjab, India -----

(57) Abstract :  
Creation of unique Nano Composite (NC) containing metals enzymatic coenzymes, extremely conducting charcoal compounds, various Dietary transcription considerations was explored but instead described throughout this work in order increase improve Anaerobic Digestion (AD) bioenergy generation using fermentation environment fostered dairy dung. Zinc Ferrite (ZnFe), ZnFe incorporating ten percent diamond nanostructures (ZFCNTs), while ZnFe featuring ten percent C76 (ZFC76) graphene been formulated but also manufactured. Energies Dispersive X-Ray (EDX), Field Emission Scanning Electron Microscopy (FESEM), X-Ray Diffraction (XRD), but also Transmissions Electronic Microscopes (TEM) being used to explore these structural but also morphological for this same graphene. NCs had been added with chemical slurry-containing experiments biogas technology. Throughout Fifty months, bio - hydrocarbon produced had been measured every day but instead compared against unreadable industrial projects. ZnFe were found that have very greatest natural gas improvement, increasing hydrocarbon synthesis by business utilizes percent. When comparison conventional empty furnaces, ZFCNTs but also ZFC76 had a very beneficial influence on overall hydrodynamic residence duration but also increased hydrocarbon output by 162 percent as well as 145.9%, accordingly.

No. of Pages : 15 No. of Claims : 5



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

### Application Details

APPLICATION NUMBER	202141052456
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/11/2021
APPLICANT NAME	1 . Dr.S.BALAMURALI 2 . Mr. K. LENIN BARATHI 3 . Dr. P.N. MAGUDESWARAN, PROFESSOR 4 . Mr. T. BOOBALAN
TITLE OF INVENTION	SMART MATERIAL FOR SMART HELMET ON ROAD SAFETY DRIVING
FIELD OF INVENTION	TEXTILE
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	balamuraliphd82@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/12/2021