

# **SRI CHANDRASEKHARENDRA SARASWATHI VISWAMAHAVIDYALAYA**

(University u/s 3 of UGC Act 1956) Accredited

with “A” Grade by NAAC



## **ONE-DAY NATIONAL WORKSHOP REPORT CONVERTING ACADEMIC RESEARCH TO PATENTS**

**09.02.2024**

**Organized by**

**Department of Mechanical Engineering**

# INVITATION



श्रीचन्द्रशेखरेन्द्रसरस्वतीविश्वमहाविद्यालयः

## Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya

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Enathur, Kanchipuram - 631 561. Tamilnadu, India | [www.kanchiuniv.ac.in](http://www.kanchiuniv.ac.in)



### DEPARTMENT OF MECHANICAL ENGINEERING

*Organizes*

One-day National Workshop on

## "Converting Academic Research to Patents"

Resource Person:



**Mr. M. Ram Jawahar,**  
Deputy Controller of  
Patents & Designs,  
Patent Office, Chennai.



**Dr. V. Vidyaa,**  
Founder and CEO,  
Vidyaa Intellect Consultancy  
Services, Chennai.



Friday  
**FEB 9**  
2024



**10** am  
-  
**4** pm



Seminar Hall, First Floor  
**MECHANICAL BLOCK**

Co-ordinators:

**Dr. P. Vithya,**  
Asst Prof & HOD i/c,  
Mechanical Engg.,  
SCSVMV

**Dr. A. Arunpremnath,**  
Associate Professor,  
Mechanical Engg.,  
SCSVMV

For Registration



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**SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHA VIDYALAYA**

(University Established Under Section 3 of the UGC Act 1956)

23-01-2024

From <b>Dr. P. Vithya</b> Head of the Department i/c Department of Mechanical Engineering SCSVMV Enathur, Kanchipuram	Through <b>The Dean</b> (Engineering & Technology) SCSVMV Enathur Kanchipuram	To <b>The Registrar</b> SCSVMV Enathur Kanchipuram
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Respected sir,

Sub: Conduct of One day National Workshop on Converting Academic  
Research to Patents – Permission Requested - Reg.

We would like to organize **One day National Workshop on  
“Converting Academic Research to Patents”** for the benefit of students  
and faculty of SCSVMV on 09<sup>th</sup> February 2024. In this connection, the  
necessary permission may please be granted with financial support from  
Institutional side. The details are enclosed herewith for your kind perusal.

Thanking you

yours Sincerely

**(Dr. P. Vithya)**

## PROPOSAL FOR THE ONE DAY WORKSHOP

**Coordinators for the One Day Workshop: Dr. P. Vithya, Asst Prof & HOD i/c,**

**Dr. A. Arun premnath, Associate Professor**

1. Title of the Programme : **Converting Academic Research to Patents**
2. Name of the Resource persons : **1. Mr. M. RAM JAWAHAR, Deputy Controller of Patents & Designs, Patent Office, Chennai.**  
**2. Dr. V.Vidyaa Founder and COE Vidyaa Intellect Consultancy Services, Chennai.**
3. Number of Targeted Participants (Internal)  
**Faculty** : 50 Nos.
4. Proposed Reg. fee for the students/Faculty: Nil
5. Expected benefited out of Programme : This One-day National Workshop on **“Converting Academic Research to Patents”** will give ideas of Patenting the research findings in detail and viable aspect of the patent.
6. To Department/University : Organizing such a Programme by the Department will satisfy the norms of UGC/NAAC/AICTE towards IPR cell.
7. Financial Support from University : Rs. 16,000/- (Details enclosed)

**DETAILS OF FINANCIAL SUPPORT FROM UNIVERSITY**

<b>S.No</b>	<b>Particulars of Expenditure</b>	<b>Amount (Rs.)</b>
1.	Resource Person Honorarium (02)	7000/-
2.	Resource Person Travel Allowance (02)	7000/-
3.	Refreshment for Participants (50)	2000/-
	<b>Total (Sixteen thousand only)</b>	<b>16,000 /-</b>



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Ref: No. F/SCSVMV/REG/2023-24/IOC- 207

Date: 08.02.2024

**INTER OFFICE COMMUNICATION**

From <b>The Registrar</b> SCSVMV Enathur, Kanchipuram.	To <b>HOD,</b> Department of Mechanical Engg., SCSVMV, Enathur, Kanchipuram.
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Madam,

Sub: SCSVMV – To conduct a one day workshop – Granting Permission -Reg

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I am by direction to inform you that, permission is granted to conduct a one day National Workshop on "Converting Academic Research to Patents" on 09.02.2024 with a sanction of Rs.16,000/- as budget amount for the said purpose.

You are directed to submit a detailed report in this regard after the programme,

Further action may be taken in this regard.

  
09/02/24  
**REGISTRAR**  
**SCSVMV**  
**REGISTRAR**  
**S.C.S.V.M.V.**  
**ENATHUR, KANCHIPURAM**

Copy submitted to the Vice Chancellor

Cc to:

1. Finance officer
2. Dean, Faculty of Engg., & Tech.
3. File



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(SCSVMV)**

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Enathur, Kanchipuram - 631561

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Dr. P. VITHYA, M.E, Ph.D.,**  
Head of the Department i/c, Dept. of Mechanical Engg.

**07<sup>th</sup> February 2024**

**To**

**Dr. V. VIDYAA,**  
**Founder & CEO,**  
**Vidyaa Intellect Consultancy Services,**  
**Chennai.**

**Dear Madam,**

We are pleased to invite you to act as a Resource person for **One Day National Workshop on "Converting Academic Research to Patents"** scheduled on **9<sup>th</sup> February 2024** in our esteemed Sri Chandrasekharendra Saraswathi Viswa Maha Vidyalaya University.

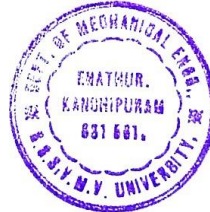
Your expertise and experience in this field of work will be an excellent addition to our Programme on Converting Academic Research to Patents. It is an honor to be able to invite you to be a Resource person for a talk on **"Project to Patent: A Case Study"** on the One Day National Workshop as we are aware of your great contribution to this field of work.

We look forward to a positive response.

Thanking you

Regards

**Dr. P. VITHYA**  
**Head of the Department i/c,**  
Department of Mechanical Engineering,  
SCSVMV,  
Enathur, Kanchipuram, Tamilnadu – 631 561.  
Mobile: (+91) - 9445507735  
Mail ID: [hod\\_mech@kanchiuniv.ac.in](mailto:hod_mech@kanchiuniv.ac.in)







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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Dr. P. VITHYA, M.E, Ph.D.,**  
Head of the Department i/c, Dept. of Mechanical Engg.

**07<sup>th</sup> February 2024**

**To**

**Mr. M. RAM JAWAHAR,**  
**Deputy Controller of Patents & Designs,**  
**Patent Office,**  
**Chennai.**

**Dear Sir,**

We are pleased to invite you to act as a Resource person for **One Day National Workshop on "Converting Academic Research to Patents"** scheduled on **9<sup>th</sup> February 2024** in our esteemed Sri Chandrasekharendra Saraswathi Viswa Maha Vidyalaya University.

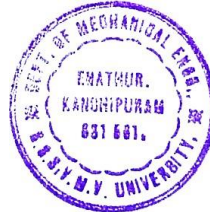
Your expertise and experience in this field of work will be an excellent addition to our Programme on Converting Academic Research to Patents. It is an honor to be able to invite you to be a Resource person for a talk on **"Innovation Design and Patent Filing Procedures"** on the One Day National Workshop as we are aware of your great contribution to this field of work.

We look forward to a positive response.

Thanking you

Regards

**Dr. P. VITHYA**  
**Head of the Department i/c,**  
Department of Mechanical Engineering,  
SCSVMV,  
Enathur, Kanchipuram, Tamilnadu – 631 561.  
Mobile: (+91) - 9445507735  
Mail ID: [hod\\_mech@kanchiuniv.ac.in](mailto:hod_mech@kanchiuniv.ac.in)





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**DEPARTMENT OF MECHANICAL ENGINEERING**

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One Day National Workshop on  
**Converting Academic Research to Patents**

(09, Feb 2024)

**PROGRAM SCHEDULE**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
10.00 AM -12.00 PM	<b>Project to Patent: A Case Study</b>	<b>Dr. V. VIDYAA</b>
02.00-04.00 PM	<b>Filing &amp; Processing of Patent Application</b>	<b>Mr. M. RAM JAWAHAR</b>



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**Report on the One Day National Workshop on “Converting Academic Research to Patents” Organized by the Department of Mechanical Engineering on 09.02.2024 @ Mechanical Seminar Hall.**

The Department of Mechanical Engineering organized One Day Workshop on “Converting Academic Research to Patents” on 9th Feb 2024 from 10.00a.m to 4.00 p.m. for the benefit of the faculty members of SCSVMV. Overall, 57 faculty members and 21 students participated from different departments of SCSVMV.

Program started with Prayer song by Selvi. S. Kalpavalli, M.A.in Sanskrit Department. Dr.P.Vithya, Head of the Department, Mechanical Engineering welcomed the gathering and outlined the significance of Programme. She thanked the chief guest Dr. V. Vidyaa for readily accepting to present the Invited talk.

**Convenor:**

**Dr.P.Vithya, M.E, Ph.D**

**Head of the Department (i/c),**

**Department of Mechanical Engineering,**

**SCSVMV**

**Co-Ordinator**

**Dr.A.Arun premnath, M.E, Ph.D**

**Associate Professor,**

**Department of Mechanical Engineering,**

**SCSVMV**

## **Session 1**

**Title: Project to Patent: A Case Study**

**Date: 09.02.2024**

**Time: 10.00 a.m. to 12.30 p.m.**

This workshop aimed to provide the participants with a comprehensive understanding of patents, copyrights, trademarks, what can be patented, the conversion of projects to patents, beneficiaries of patent grants, and the necessary procedures for filing a patent application.

Dr. A. Arunpremnath, Associate Professor, introduced the speaker to the audience. The invited speaker, Dr. V. Vidyaa, Founder & CEO, Vidyaa Intellect Consultancy Services, Chennai. Dr.P.Vithya, Assistant Professor and Head, Mechanical Department honoured the speaker. Dr. V. Vidyaa delivered a lecture on Project to Patent: A Case Study in the first session.

- What are patents,
- What are copyrights
- What are trademarks.
- Difference between patents, copyrights, and trademarks.
- What can be patented.
- How to convert a research paper into a patent
- Project to Patent: A Case Study
- Case study of a patent granted:
- “Mechanical Grippers for handling plurality of micro components”, Indian Patent No. 201641005129

Q&A session was conducted from 12.30 p.m to 12.45 p.m. Dr.P.Vithya, thanked the chief guest for the informative session. She also expressed thanks on behalf of the Department of Mechanical Engineering to the audience for their attentive and active participation in the Invited talk. Group photo was taken with Guest speaker and participants

## **Session 2**

**Title: Innovation Design and Patent Filing Procedures**

**Date: 09.02.2024**

**Time: 2.00 p.m. to 4.00 p.m.**

Dr. A. Arunpremnath, Associate Professor, introduced the speaker to the audience. The invited speaker, Mr. M. Ramjawahar, Deputy Controller of Patents & Designs, Patent Office, Chennai. Dr.S.Arumugam, Associate Professor, Mechanical Department honoured the speaker. Mr. M. Ramjawahar delivered a lecture on innovation design and patent filing procedures in the second session. He explained about the

- Filing of patent applications
- Types of patent applications
- Who can file
- Filing requirements
- Other documents if required
- Patent application processing
- Publication
- Examination
- Opposition proceedings
- Pre-grant opposition
- Post -grant opposition
- Opportunities or careers in the patent/IPR field

Q&A session was conducted from 4.00 p.m to 4.15 p.m. Dr.P.Vithya, thanked the chief guest for the informative session. She also expressed thanks on behalf of the Department of Mechanical Engineering to the audience for their attentive and active participation in the Invited talk. Group photo was taken with Guest speaker and participants. The programme was finally concluded with National Anthem.

Overall, 57 faculty members and 21 students participated from different departments of SCSVMV. This workshop was a good learning experience for the participants about intellectual property rights. The participants have a complete understanding of the importance and scope of IPR in academic research, types of innovations patentable, and the procedure of patent writing, patent filing, and the process of granting patents.



# ONE-DAY NATIONAL WORKSHOP - PHOTOS





# ONE-DAY NATIONAL WORKSHOP – PARTICIPANTS LIST



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Enathur, Kanchipuram – 631561, Tamilnadu, India.

### Department of Mechanical Engineering

One-day National Workshop on

### “Converting Academic Research to Patents”

9<sup>th</sup> February, 2024

#### Attendance Sheet

S.No	Name	Designation	Department	Session	
				Forenoon	Afternoon
✓ 1	Jayalakshmi R	Assistant Professor / HOD	ECE	✓	
✗ 2	Santhanam	Asst professor	Chemistry	—	—
✓ 3	Dr. S.D. Sathishkumar	Assistant Professor	Mechanical	✓	✓
✓ 4	Dr.S.Renukadevi	Assistant Professor-II	EEE	✓	✓
✓ 5	B. Muthukumaran	Assistant professor	Chemistry	✓	✓
✓ 6	M.Vimalanathan	Assistant professor 1	CIVIL	✓	✓
✓ 7	Dr.P.Rajalakshmi	Assistant professor	EEE	✓	✓
✓ 8	Dr. R. VINAYAGAMOORTHY	Assistant Professor III	Mechanical	P	P
✓ 9	Dr.J.Suganthi	Asst.Prof.	Physics	—	—
✓ 10	Parameswari M	Assistant Professor	Chemistry	M.P.	M.P.
✓ 11	Dr.P.MEENAKSHI	Assistant Professor	CIVIL	P.m.	P.m.
✓ 12	P. PUNITHA	Assistant proffers	CIVIL	P.P.	
✗ 13	Jeyalakshmi.C	Asst. professor	Chemistry	—	—
✗ 14	V.Vaidehi	Assistant Professor	Chemistry	—	—

15	Mrs. J. Selvi	Assistant Professor	Education	J. Selvi	J. Selvi
16	VIJAYA BHASKAR.S	Asst.Prof	Mechanical	P	P
17	B.Padmadevi	Assistant professor	Education	B.Padmadevi 09/10/24	B.Padmadevi 09/12/24
18	Dr.M.SARASWATHI	Assistant Professor	CSE	M. Sarathi	M. Sarathi
19	M.Thirunavukkarasu	Assistant Professor	CSE	Present	Present
20	Dr.R.Prema	Assistant professor	CSE	R. Prema	R. Prema
21	Dr.R.POORVADEVI	Assistant Professor	CSE	R. Poorvadevi	P
22	Dr.C.Sunitha Ram	AP	CSE	C. Sunitha	P
23	Dr.D.THAMARASELVI	Asst.PROFESSOR	CSE	D. Thamaraselvi	
24	Dr M Gayathri	Assistant Professor(S-II)	CSE	M. Gayathri	M. Gayathri
25	SUMATHI RAMESH	Assistant Professor	CIVIL	S. Ramesh	S. Ramesh
26	Dr S.Prakasam	Associate Professor	CSA	S. Prakasam	S. Prakasam
27	N C A BOOVARAHAN	Assistant professor	EIE	N. C. A. Boovarahan	
28	Dr Radhakrishnan V K	Assistant Professor	Mathematics	V. K. Radhakrishnan	V. K. Radhakrishnan
29	Dr.P.Balaji	Asst Professor	Mathematics	P. Balaji	P. Balaji
30	Dr. E. Geetha	Assistant professor	Mathematics	E. Geetha	E. Geetha
31	Dr.R.MAGESWARI	Assistant professor	Mathematics	R. Mageswari	R. Mageswari
32	J. Srinivasan	Assistant professor	CSA	J. Srinivasan	J. Srinivasan
33	Dr.S.Babu	Assistant Professor	CSA	S. Babu	S. Babu
34	Dr.V.Malathi	AP-II	EEE	V. Malathi	V. Malathi
35	D. Vanitha	AP-II	EEE	D. Vanitha	D. Vanitha
36	T N KAVITHA	Assistant professor	Mathematics	T. N. Kavitha	
37	K.Sugapriya	Assistant professor	EIE	K. Sugapriya	K. Sugapriya
38	M.Dinesh	AP -II	EEE (Civil)	M. Dinesh	M. Dinesh



✓ 39	John Sundar Raj. V	Assistant professor	CIVIL	<i>[Signature]</i>	<i>[Signature]</i>
✓ 40	Vasu k	Assistant professor	CIVIL	<i>[Signature]</i>	<i>[Signature]</i>
✓ 41	Dr.N.Ashokkumar	AP-III	EEE	—	—
✗ 42	Dr.N.Ashokkumar	AP-III	EEE	—	—
✓ 43	Dr. Janani R	Assistant Professor	EIE	—	—
✓ 44	K PALANI	Asst Professor	Mechanical	<i>[Signature]</i>	<i>[Signature]</i>
✓ 45	Dr.T. CAKSHUMISAI	HOD/EIE	EIE	<i>[Signature]</i>	<i>[Signature]</i>
✓ 46	Dr. G. V. <del>Koteswaram</del> KOTESWARARAO	Asst Professor	Mechanical	<i>[Signature]</i>	<i>[Signature]</i>
✗ 47	C. Rajendiran	Instructor (SPL) Mech		<i>[Signature]</i>	<i>[Signature]</i>
✗ 48	S. Maheswaran	Lab-Instructor (SPL) Mech		<i>[Signature]</i>	
✗ 49	V. Arul dhas	Lab-Instructor (SPL) Mech		<i>[Signature]</i>	
✗ 50	P. Anantha Padmanabhan	Student	Mechatronics	<i>[Signature]</i>	<i>[Signature]</i>
✗ 51	D. Datta Sai	Student	Mechatronics	<i>[Signature]</i>	<i>[Signature]</i>
✗ 52	Ch. Saiphanichandra	Student	Mechatronics	<i>[Signature]</i>	<i>[Signature]</i>
✓ 53	Dr. T. Puspanathan	AP / Eng		<i>[Signature]</i>	<i>[Signature]</i>
✗ 54	Dr. Haeihalan	Spl In-vice		<i>[Signature]</i>	
✓ 55	Dr. P. NARAJAN	Asst. prof math		<i>[Signature]</i>	
✓ 56	Dr. S. Arumogan	Associate Prof	Mechanical	<i>[Signature]</i>	<i>[Signature]</i>
✗ 57	C. Ras				
58	Sentamil Selvan	HOD			

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DEPARTMENT OF MECHANICAL ENGINEERING

## Certificate

This is to certify that

*Dr. Arumugam S, Associate Professor, Mechanical Engineering*

has actively participated in the One-day National Workshop on "Converting Academic Research to Patents" organized by the Department of Mechanical Engineering, SCSVMV on 9<sup>th</sup> February 2024.

Coordinator

HOD  
Mechanical