



SRR & CVR GOVERNMENT DEGREE COLLEGE
(AUTONOMOUS)
VIJAYAWADA, KRISHAN DIST., A.P
NAAC B+GRADE(CGPA:2.60)



DEPARTMENT OF PHYSICS & ELECTRONICS

GUEST LECTURE

GUEST: Prof. RAVI KUMAR CHEEDARALA

Research Scientist,

The Research Institute of Mechatronics,
Dept. of Mechanical Engineering,
20-1Changwondaehak-ro,
Uichang-gu Changwon-si, Gyeongsangnam,
51139, S. Korea.

DATE: 04.01.2022

From:
Department of Physics,
SRR & CVR Government Degree College (A),
Vijayawada.

To:
The Principal,
SRR & CVR Government Degree College (A),
Vijayawada.

Respected Madam,

Sub: Department of Physics & Electronics- Prof. Ravi Kumar. Ch., Research
Scientist, South Korea -conduction of Seminar- permission-request-
Regarding.

I here with submit that, Department of Physics and Electronics is going to conduct Seminar by Prof. Ravi Kumar. Ch., Research Scientist, South Korea on “**Development of High-performance Ionic Polymer Actuators**” on 14.01.2022 at 1.00AM onwards in Mini conference hall.

Hence, I kindly request you to permit to conduct Seminar in the mini conference hall.

This is submitted for favor of action madam.

Thanking you madam.



Yours sincerely,



Department In charge
Physics & Electronics

REPORT

Department of Physics and Electronics, SRR & CVR Government Degree College, Vijayawada conducted a Guest lecture by Dr. Ch.Ravi Kumar, Research scientist, South Korea.

Prof. Ravi Kumar Chidrala is a Principal Scientist and Professor at Research Institute of Mechatronics, Dept. of Mechanical Eng. Changwon National University, S. Korea. He gave information on Traditional biomimetics was one of a copy of geometric structures in nature, trend of biomimetics was changed to mimic the sensing or actuating functionalities of nature and Biomimetic sensors and actuators are required to mimic the living things.

There after the faculty and Head of the department honoured Prof. Ravi Kumar Chidrala with a shawl and presented him with a memento. The event was graced by the College Vice Principal and Head of the Department Mrs. P. Sailaja, IQAC Coordinator and senior faculty of Physics Dr. Kameswari spoke. The faculty members are Dr. K. Sujatha, Mrs. K. Nagmani, Mr. T.V. Rambabu, Mrs. T.V.Vakula Priya, Mrs. Umalakshmi, Mr. J.Nageswara Rao and students participated.

The main aim of the seminar to aware the students on recent technological developments on nano materials are achieved.

PHOTOGRAPHS





PROFILE OF THE GUEST

Brief Bio-data Name : Ravi Kumar Cheedarala, Ph.D., MBA

Designation/Present position : Adjunct Professor, and Principal Scientist to National Research Fellowship (NRF) to South Korea for Triboelectric Nano generators (TEGs) and Biomimetic Actuators, Organic Coatings, Organic Synthesis, Graphene's, Nano Materials, Nano Surfaces, Flame Retardancy, and Solar Cells, Multi-step Organic Synthesis, and MOFs

Official Address for communication :

The Research Institute of Mechatronics,

Dept. of Mechanical Engineering,

20-1Changwondaehak-ro,

Uichang-gu Changwon-si, Gyeongsangnam,

51139, S. Korea.

Email I.D. : rkchidrala@gmail.com, ravi@changwon.ac.kr

Mobile No. : +82-10-9172-1323 (Mobile Device)

Qualification : M. Sc. Tech, Ph.D., MBA.

Google scholar citation : : https://scholar.google.com/citations?user=9XW_YSkAAAAJ&hl=en

S. No.	Name of the Institution	From	To	No. of Years
1.	Changwon National University, S. Korea (Adjunct Professor Principal Scientist)	2018	Present	3
2.	University of Ulsan, S.Korea (Senior Research Professor)	2016	2018	2
3.	UNIST, Korea, S.Korea (Research Professor)	2014	2016	3
4.	KAIST, Korea, S.Korea (Research Professor)	2010	2014	4

5.	UNIST, S. Korea (Research Professor)	2009	2010	1
6.	YOU Sung Co. Ltd. S. Korea (Senior Manager)	2008	2009	1
7.	POSTECH, S. Korea (Post Doc)	2003	2008	5
8.	Dr. Reddys Labs, Hyderabad, India (Staff Scientist)	2001	2003	3
9.	NCL Pune, India	2001	2001	8 months

Book Chapters	2
Awards	5
International Conferences attendee:	35
Ph.D. thesis evaluation	2
Invited Talks	30
Key Note Speakers	6

COLLEGE ACTIVITY REGISTER

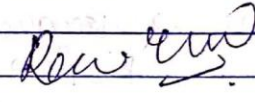
81

Date: ~~4.12.2022~~

Activity: Guest lecture on

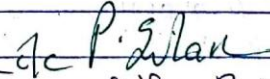
" Nano Materials & Bio Mimicking "

Resource person: Prof. Ravi Kumar Chidra
Research Prof. of Mechatronics,
Mechanical Engg, Changwon National
University, South Korea.

Signature of the Resource person: 

No. of students attended: 61

No. of faculty attended: 7



signature of the Principal.

1. L. Kamuram

2. K. S. Jilani

3. 

4. 

5. 



STUDENTS ATTENDANCE

82

S.NO	Name of the student	Group	Sign.
1.	B. Anjali	III B.Sc M.P.C (EM)	B. Anjali
2.	I. Sandya	III B.Sc M.P.C (EM)	Sandya
3.	Md. Shahin	III B.Sc (M.P.C.S)	Md. Shahin
4.	K. Rajeswari	III B.Sc (M.P.C.S)	K. Rajeswari
5.	M. Kanya	III B.Sc (M.P.C.S)	M. Kanya
6.	N. Likhitha	III B.Sc (M.P.C.S)	N. Likhitha
7.	M. Pushpalatha	III B.Sc (M.P.C.S)	M. Pushpalatha
8.	A. Manasa	III B.Sc (M.P.C.S)	A. Manasa
9.	B. Mounika	I B.Sc (MECS)	B. Mounika
10.	P. Reehal Jyothi	I B.Sc (MECS)	P. Reehal Jyothi
11.	K. SRAVANTHI	III B.Sc (M.P.C.S)	K. SRAVANTHI
12.	B. Hemalatha	III B.Sc (M.P.C.S)	B. Hemalatha
13.	SK. Afoin	I B.Sc (M.P.C.A)	SK. Afoin
14.	P. Gayathri Devi	I B.Sc (M.P.C.A)	P. Gayathri Devi
15.	Ch. Honey	I B.Sc (MECS)	Ch. Honey
16.	Y. Charani	I B.Sc (MECS)	Y. Charani
17.	SK. Hashmion	I B.Sc (MECS)	SK. Hashmion
18.	V. Lavanya	I B.Sc (MECS)	V. Lavanya
19.	K. Hema Sai	I B.Sc (MECS)	K. Hema Sai
20.	T. Indira	I B.Sc (MECS)	T. Indira
21.	SK. Dawood	I B.Sc (MECS)	SK. Dawood
22.	G. Venkatesh	I B.Sc (MECS)	G. Venkatesh
23.	M. Bhanu prakash	I B.Sc (MECS)	M. Bhanu prakash
24.	SK. Ariff	I B.Sc (MECS)	SK. Ariff
25.	K. Ramu	I B.Sc (MECS)	K. Ramu
26.	ch. chenna kesava rao	I B.Sc (MECS)	ch. chenna kesava rao
27.	Ramesh Mahesh Babu	I B.Sc (MECS)	R. Mahesh Babu
28.	B. Kalidas	I B.Sc (MECS)	B. Kalidas
29.	Y. Anil Kumar Reddy	I B.Sc (MECS)	YAR
30.	K. Srikanth	III B.Sc (M.P.C)	K. Srikanth
31.	ch. chenna kesava rao	I B.Sc (M.E.C.S)	ch. chenna kesava rao



S.NO	name of the student	Group	Sign
32	K. VISHU SUNDARASAI	I st BSC (MECS)	K. V
33	M. Chandra Sekhar	I st B.S.C (M.E. CS)	M. Chandra Sekhar
34	G. Mohan Babu	I st B.S.C (MECS)	G. Mohan Babu
35	P. Laksh	II BSC (MPC)	P. Laksh
36	K. Mahesh Babu	II B.S.C. (M.P.C) (SM)	K. Mahesh Babu
37	S. Braveen Sai kumar	II B.S.C (M.P.C) (EM)	S. P. S. K
38	M. Anil	III rd BSC (MPC) (EM)	M. Anil
39	V. Chandan Naik	III rd BSC (MPC) (EM)	V. Chandan Naik
40	G. Nani Babu	III rd BSC (MPC) (EM)	G. Nani Babu
41	S. Gopikrishna	III rd BSC (MPC) (EM)	S. Gopi Krishna
42	K. Rajesh	III rd BSC (MPC) (EM)	K. Rajesh
43	M. GOPI KRISHNA	III rd BSC (MPC)	M. Gopi Krishna
44	E. NAGARJUNA	III rd BSC (MPC)	E. Nagarjuna
45	G. Manikanta Prem chandu	I st BSC (MPC)	G. Manikanta
46	V. Sandeep	I st BSC (MPC)	V. Sandeep
47	K. Suresh	II nd B.S.C (MPC)	K. Suresh
48	R. Venkatesh Devaanya	III B.S.C (MPC)	R. Venkatesh
49	Sr. Sameer	III B.S.C (MPC)	Sr. Sameer
50	K. Vinod Kumar	III B.S.C (MPC)	K. Vinod Kumar
51	Kankavalli Akhita	III B.S.C (MPC)	K. Akhita
52	M. Vijay Kumar	III B.S.C (MPC) (EM)	M. Vijay Kumar
53	N. Jayanth	III B.S.C (MPC) (EM)	N. Jayanth
54	V. Hanuresh	III B.S.C (MPC) (EM)	V. Hanuresh
55	R. CHANDRA SEKHAR	III B.S.C (MPC) (EM)	R. Chandra Sekhar
56	D. Subhan?	III B.S.C (MPC) (EM)	D. Subhan
57	Y. Siva Narayana	III B.S.C (MPC) (EM)	Y. Siva Narayana
58	T. Gopi Chand	III B.S.C (MPC) (EM)	T. Gopi Chand
59	B. Gopi Krishna Naik	III B.S.C (MPC) (EM)	B. Gopi Krishna
60	V. HEMANTH KUMAR	III B.S.C (MPC) (EM)	V. Hemant Kumar
61	A BRAHMAJAH	II	A. Brahmaiah