



NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana State, India

UGC - Autonomous Institute
Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE
Permanently affiliated to JNTUH



Annual Report 2022-23

Vision:

To be a premier Innovation Centre by fostering a vibrant ecosystem for the creation and development of Enterprise.

Mission:

M1: Promotion of Creativity and Innovation among Students, Alumni and Faculty members.

M2: To create a climate conducive to excellent teaching - learning Process.

M3: To Support and Facilitate Innovative Product development.

Objectives:

- To inculcate the spirit of innovation.
- To Encourage and support innovations through guidance and mentorship.
- To establish functional ecosystem for scouting and pre- incubation of ideas.
- To develop Technology based Incubation (TBI) centers.
- To encourage innovative projects with commercial viability.

Major Focus of IIC:

- To create a vibrant local innovation ecosystem
- Start-up/ entrepreneurship supporting Mechanism in HEIs
- Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework (ARIIA)
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas
- Develop better Cognitive Ability amongst Technology Students

Narsimha Reddy Engineering College, Secunderabad has established institution innovation council (IIC) as per the norms of Innovation cell, Ministry of HRD, Govt. Of India during IIC Calendar year 2018-19.



NRCM Established Certificate

To promote innovation and start-up in campus during the IIC calendar year 2018-19 the institution got two star rating. The IIC cell and entrepreneurship Cell undertakes various activities prescribed by Innovation cell, Ministry of Education, Govt. Of India to promote Innovation and start-up in campus during the IIC calendar year 2019-20 the institute got five stars rating, IIC calendar year 2020-21 the institute got four stars rating, IIC calendar year 2021-22 the institute got 3.5 stars rating.



3.5 Star Rating Certificate for the Year 2021 - 22



4 Star Rating Certificate for the Year 2020 - 21



5 Star Rating Certificate for the Year 2019 - 20



2 Star Rating Certificate for the Year 2018 – 19

NRCM has established Institution's Innovation Council (IIC) as per the guidelines of 'MoE's Innovation Cell (MIC)' in the year 2018-19. The initiative was to create a vibrant local innovation ecosystem, start-up supporting mechanism, establish function ecosystem for scouting ideas and pre-incubation of ideas and to develop better cognitive ability for technology students. NRCM IIC is actively involved in organizing and conducting seminars, workshops, field trips, project exhibitions, entrepreneurship bootcamps, Idea competitions etc. for its students and faculties.

After the success of IIC2.0, IIC 3.0 and IIC 4.0, the Institution's Innovation Council up-gradation meeting was held. The meeting was called upon by IIC President Dr. M. Shoban to congratulate all for attaining the 3.5 Rating for the academic year 2021-22 and plan the activities for the year 22-23. The IIC member details for the academic year 2022-23 are as follows:

Sr. No.	Name of Member	Member Type (Teaching/ Non-teaching / External Expert)	Key Role/ Position assigned in IIC
1	Dr. M. Shoban	Teaching	President
2	Dr. Tiwari DP Honey	Teaching	Vice President
3	Dr.P. Dileep Kumar Reddy	Teaching	Convener
4	Dr. N. Kavitha	Teaching	Innovation Activity Coordinator
5	Dr. Murugesan	Teaching	Internship Coordinator
6	Dr. K.Eswaramoorthy	Teaching	IPR & NIRF Coordinator
7	Mrs. Ch.Srilakshmi	Teaching	Social Media Coordinator
8	Mr. Bhimappa Yadahalli	Teaching	Startup Coordinator

9	V. Bhakar Reddy	External Expert	Industry Expert
10	G.Saritha	External Expert	Industry Expert
11	Kashi Rimpu	Student	Member, Incubation Centre
12	M Ajay Sai Kumar	Student	Member, IPR Coordinator
13	Shaik Jakeer	Student	Member, Social Media Coordinator
14	shiva kumar	Student	Member, Internship Coordinator
15	Navaz	Student	Member, Startup Coordinator
16	P Vinayak Yadav	Student	Member, Innovation Coordinator
17	K.spoorthi	Student	Member, Research Centre
18	Siddiqua Tabassum	Student	Member, ED Cell

The Institution's Innovation council of MHRD's Innovation Cell organised a series of training programs exclusively for IIC members. During the current academic year, six of the faculty members have completed these training sessions and are designated as "IIC - Innovation Ambassador". They are trained to play a role of mentor or guide for young minds in their pursuit of innovation and entrepreneurship.

Participation of NRCM- IIC in various programs of Central and Stage Govt. Received 3.5 Star Rating & Letter of appreciation in IIC 4.0



Participated in NIRF Innovation Ranking-2023



Functionaries at the IIC Institute

President:

- The President will constitute the IIC council and appoint its members. He/She is responsible for ensuring that Quarterly Council Meeting is planned effectively. Conduct Council Meeting in accordance with prescribed rules and that matters are dealt with in an orderly, efficient manner.

- He/ She will lead the IIC Council.

- He/ She will have the IIC portal Login ID and will be the custodian of IIC portal login and data/ reports uploaded therein.

- He/ She will call the meetings, set meeting agenda and will monitor the deliverable.

- He/ She will be the main point of contact with MHRD Innovation Cell.

- He/ She will respond to all communication from IIC National Coordination team (MHRD Innovation Cell) and will be responsible to ensure decent performance of IIC.

- He/ She will coordinate with MHRD innovation cell and responsible for all the IIC activities in the institute.

- He/ She will ensure Institution's participation in IIC calendar activity and take lead in the institution driven activities (own initiatives).

- He/ She will ensure the effective implementation of IIC activities with the help of Convenor.

- He could change the council members as per the decision taken in council meetings and update the information on portal.

- He/ She will be responsible for submitting the monthly progress/activity reports on the IIC portal.

Vice President:-

- It is an Honorary post for a senior expert representative from Industry/Ecosystem enablers. He/She can be from faculty representative as well in case no experts are available.

Convenor: -

- The Convenor will work in close coordination with IIC president and will provide help wherever required for smooth conduction of activities.

- He/ She will ensure the participation in the meeting and will prepare the meeting agenda at least 10 days prior to meeting with the inputs from all valuable council members and President.

- He/ She will ensure that the internal examination dates would not interfere with the IIC activities and coordinate with all departments to ensure the same.

- He/ She will collect the inputs from all the members of the council at regular interval, especially external members for better planning of IIC activities and effective delivery of results.

Faculty Member/Faculty representatives/ Non teaching staff: -

Following members will work in close coordination with President and Convener to develop a comprehensive ecosystem of innovation and synergy in efforts to boost entrepreneurship. They will work as per the responsibilities assigned in council meeting.

Innovation activity coordinator -

Will work to promote innovation related activities on campus or as mandated in IIC council meeting.

Start-up activity coordinator -

Will work to boost startup generation among students and related activities or as mandated in IIC council meeting.

Internship coordinator -

Will work to arrange student internships in startups, so to expose them with startup ecosystem in India, real-life challenges in startup and their success stories or as mandated in IIC council meeting.

IPR activity coordinator -

To promote awareness about IPRs and conduct related activities on campus or as mandated in IIC council meeting.

Social Media Coordinator -

Will create and manage IIC page/account on Facebook, Twitter and YouTube and other relevant social media platforms. He / She will be responsible for posting all the relevant information about council meeting resolution and action plan, IIC activities and follow/tag MIC/IIC page and posts on these platforms. He/ She will also ensure that all students follow MIC/IIC page/account on social media to get first-hand information.

Detail of Social Media & Connections of IIC institute

<https://www.facebook.com/NarasimhaReddyEngineeringCollege.NRCM/>

https://twitter.com/nrcm_college?lang=en

https://www.instagram.com/narsimhareddycollege_nrcm/?hl=en

The IIC Calendar Activities are distributed in four quarters. Every quarter comprises IIC Calendar activity, MIC Driven Activity and Self Driven activity. IIC Calendar activity and Self driven activities are planned and conducted by the IIC members for the benefit of its students and faculty members

The Faculty Innovation Ambassador online training 2021-21 completed are:

Dr. Tiwari Durgaprasad Honey

Dr.R.Rajagopal

The institute has every year participated in various programs of Central and State Govt. programs like ARIIA Ranking, Smart India Hackathon etc.



ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



Ministry of Education
Government of India

Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21
Institute Name: Narsimha Reddy Engineering College [ARI-C-27180]

List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
Department of Computer Science and Engineering	Academic Department with lab facility	Computer Science	UG / PG / PHD	Technical	642	35	2
Department of Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PHD	Technical	369	24	1
Department of Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PHD	Technical	185	12	1
Department of Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PHD	Technical	178	10	1
Department of Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PHD	Technical	274	27	4
Narsimha Reddy Engineering College Incubation Centre	Incubation Unit	CSE, IOT, EEE, ECE, Mechanical, Civil	UG / PG / PHD	Technical	96	24	7
Nrom EDC Cell	Industry Institute Interface Unit	CSE, EEE, ECE, Mechanical, Civil	UG / PG / PHD	Both	56	12	0
Nrom IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	CSE, EEE, ECE, Mechanical, Civil	UG / PG / PHD	Technical	56	26	0
Department of Management Studies	Academic Department with lab facility	Management Studies	UG / PG / PHD	Both	72	10	1
Department of Humanities and Science	Academic Department with lab facility	Humanities and Science	UG / PG / PHD	Technical	642	10	4

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-Up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC201810047
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	No	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required

IIC Regional Meet held on 12th Aug 2022 @ Sreenidhi Institute of Science and Technology, Hyderabad. 4 Faculty Members were attended, it's a Knowledge sharing session on IIC, NISP, ARIIA and IP and Technology Transfer also explained the features of YUKTI in the IIC Regional Meet.





MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



Regional Meet

Institutions' Innovation Council
MoE's Innovation Cell

Certificate of Participation

Dr.C.R.Raman

Narsimha Reddy Engineering College , Andhra Pradesh
has participated in the regional meet held on 12th Aug 2022 at
Sreenidhi Institute of Science and Technology, Hyderabad.

Dr.Shruti Bhargava Choubey
IIC President,
Sreenidhi Institute of Science
and Technology, Hyderabad

Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



Regional Meet

Institutions' Innovation Council
MoE's Innovation Cell

Certificate of Participation

DrK Eswaramoorthy

Narsimha Reddy Engineering College , Telangana
has participated in the regional meet held on 12th Aug 2022 at
Sreenidhi Institute of Science and Technology, Hyderabad.

Dr.Shruti Bhargava Choubey
IIC President,
Sreenidhi Institute of Science
and Technology, Hyderabad

Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

Activity Planner for Quarter I

S.No	Events to be conducted
1	Organize One Day Workshop on Entrepreneurship and Innovation as Career Opportunity.
2	Organize One Day Workshop on Design Thinking, Critical thinking and Innovation Design.
3	Organize One Day Session on Motivational Session by Successful Innovators.
4	Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship)
5	Workshop on Entrepreneurship Development Phases
6	Session on Building an Innovation/ product fit for market.
7	One Day Exposure and field visit for problem identification
8	Workshop on “Idea Generation and Entrepreneurship”
9	Interaction Meeting “Understanding the Opportunities on Innovation and Startup Ecosystem”
10	Webinar on “Be Your Own Competition” Motivational Session by Successful Entrepreneur/Startup founder.
11	Organize One Day Session My Story - Motivational Session by Successful Entrepreneur/Start-up founder
12	Organize One Day Session on Problem Solving and Ideation Workshop
13	Organise an Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Ideas - Manage through YUKTI-NIR
14	Organize an Mentoring Event: Demo Day/Exhibition/Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR



Activity Planner for Quarter II

IIC 5.0 NRCM Activities for Academic Year 2022-23				
Semester -1 (September – February)				
Quarter 2 (1st December- 28th February)				
Sr. No	Activity	Association with	Mode of Conduct	Thrust Area
1	Workshop on Design Thinking, Critical thinking and Innovation Design	Civil Dept.	Offline/Online	Validation and Concept Development
2	Organizing Innovation & Entrepreneurship Outreach Program in Schools/Community	CSE Dept.	Offline	
3	Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer	EEE Dept.	Offline/Online	
4	Workshop on Entrepreneurship Skill, Attitude and Behaviors Development	MBA Dept.	Offline/Online	
5	Conduct a Session on Achieving Problem-Solution Fit and Product-Market Fit	ME Dept.	Offline/Online	
6	Field/Exposure Visit to Pre-incubation units such as Ideas Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc.	EEE Dept.	Offline	
7	Organize an Inter/Intra Institutional Innovation Competition and Reward Best Innovations - Manage through YUKTI-NIR	ECE Dept.	Offline	
8	Mentoring Event: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR	Emerging Dept.	Offline/Online	

Important Day Celebration Activities for IIC Academic Year 2022-23					
Sl. No	Date	Celebration Activity Name	Association with	Month	Quarter
1	2nd December	National Pollution Control Day	Civil Dept	December	Q2
2	14th December	National Energy Conservation Day(India)	ECE Dept.	December	
3	12 th January	National Youth Day	MBA Dept	January	

4	28th February	National Science Day	Emerging Dept.	February
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Self Driven Activities Quarter 2 (1st Dec. – 28th Feb.)

1	Any Motivational Seminar or workshop or webinar on Innovation, Ideation & Entrepreneurship	ME Dept.	Inspiration, Motivation and Ideation	Q2
2	Any Motivational Seminar or workshop or webinar on Innovation, Ideation & Entrepreneurship	CE Dept.		
3	Any Motivational Seminar or workshop or webinar on Innovation, Ideation & Entrepreneurship	MBA Dept.		
4	Any Motivational Seminar or workshop or webinar on IPR patents	CSE Dept.		



NARASIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION
Permanently Affiliated to JNTUH - Approved by AICTE, New Delhi - An ISO 9001:2015 Certified Institute
ACCREDITED BY NBA & NAAC WITH A - GRADE








Institution's Innovation Council 5.0
One Day Workshop on
National Energy Conservation Day (India)

Organized by
Department of CSE

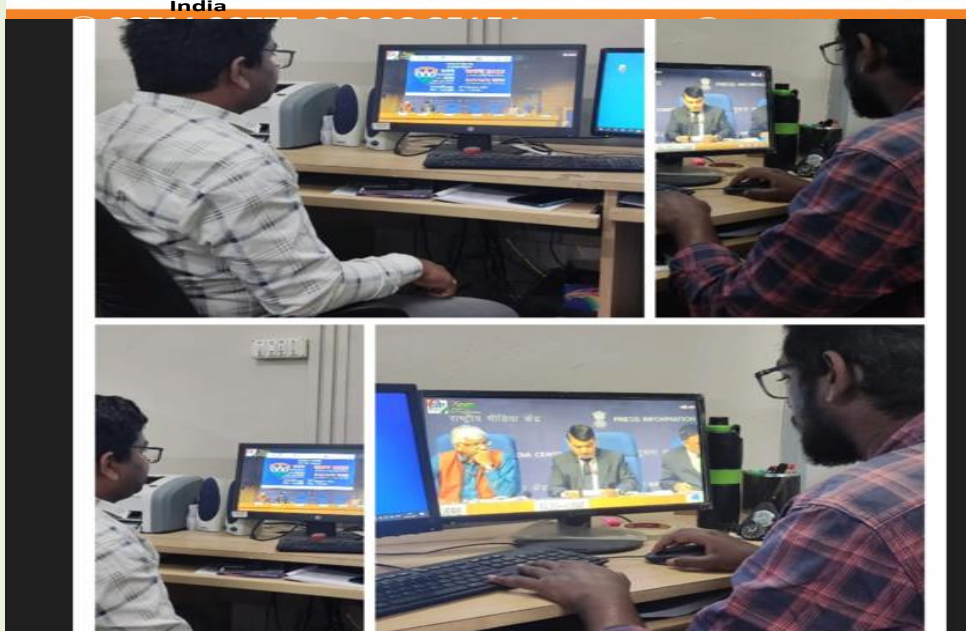
Resource person

Dr. Bala Kalyan,
Professor,
Department of Chemical Engineering
SVU, Tirupati, Andhra Pradesh, India

 11.00 AM to 01:00 PM
14-12-2022

 Venue: Goo Meet

CONVENOR : Dr.Nidamanuru Srinivasa rao, CSE Department



Activity Planner for Quarter III

IIC 5.0 NRCM Activities for Academic Year 2022-23				
Semester II (Mar. - Aug.)				
Quarter 3 (1st Mar. - 31st May)				
Sr. No	Activity	Association with	Mode of Conduct	Thrust Area
1	Workshop on Prototype/Process Design and Development	Civil Dept.	Offline/Online	Prototype, Design, Process Development for Business Model/ Process/ Services
2	Session/ Workshop on Business Model Canvas (BMC)	EEE Dept.	Offline/Online	
3	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre such as Atal Incubation Centre etc.	Emerging Branch Dept.	Offline	
4	Session on “How to plan for Start-up and legal & Ethical Steps”	MBA Dept.	Offline/Online	
5	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	CSE Dept.	Offline/Online	
6	Organise an Inter/Intra Institutional Business Plan Competition and Reward Best Innovations - Manage through YUKTI-NIR	ECE Dept.	Offline	
7	Mentoring Event: Demo Day/Exhibition/Poster Presentation of Business Plans & linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR	ME Dept.	Offline/Online	

Celebration Activities Quarter 3 (1st Mar. - 31st May)					
Sl. No	Date	Celebration Activity Name	Association with	Month	Quarter
1	11/05/2023	National Technology Day	ME Dept.	May	Q3
2	26/04/2023	World Intellectual Property Day	ECE Dept.	April	
3	21/ 04/2023	World Creativity and Innovation Day	CSE Dept.	April	
4	08/03/2023	International Women’s Day	Emerging Dept		


MIC Driven Activities Quarter 3 (1st Mar. - 31st May)			
1	Celebrating India’s presidency of the G20	EEE Dept.	Q3

Self Driven Activities Quarter 3 (1st Mar. - 31st May)


1	Any Motivational Seminar or workshop or webinar on Innovation, Ideation & Entrepreneurship	Civil Dept.	Inspiration, Motivation and Ideation	Q3
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Systematize and Managing Innovations in IIC's : YUKTI Innovation Repository and Innovation Challenge


📅 3:30 PM
13-04-2023, Thursday
Mode: ONLINE



MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)




INSTITUTIONS INNOVATION COUNCIL



Session on:

**Systematize and Managing Innovations in IIC Institutions:
YUKTI Innovation Repository and Innovation Challenge**



Dipan Kumar Sahu
Assistant Innovation Director
MoE's Innovation Cell

Join Us **YouTube LIVE**
[/mhrdinnovationcell](https://www.youtube.com/mhrdinnovationcell)

📅 Thursday, 13th April 2023

🕒 3:30 PM - 4:30 PM

📺 Live in 5 Seconds April 13 at 3:30 PM

📍 mhrd_innovation

📺 /mhrd.innovationcell



Activity Planner for Quarter IV

IIC 5.0 NRCM Activities for Academic Year 2022-23				
Semester II (Mar. - Aug.)				
Quarter 4 (1 st June . - 31st August)				
Sr. No	Activity	Association with	Mode of Conduct	Thrust Area
1	Session on Innovation/Prototype Validation – Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit”	Civil Dept.	Offline/Online	Awareness about Startup and related Ecosystem Support Services for Startup Development
2	Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs	EEE Dept.	Offline/Online	
3	Organize Session on “Lean Start-up & Minimum Viable Product/Business”- Boot Camp (or) Mentoring Session	Emerging Branch Dept.	Offline/Online	
4	Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs.	EEE Dept.	Offline/Online	
5	Session/ Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level	CSE Dept.	Offline	
6	Organising Innovation & Entrepreneurship Outreach Program in Schools/Community	ECE Dept.	Offline	
7	Mentoring Event: Demo Day/Exhibition/Poster Presentation of Start-Ups & Linkage with Innovation Ambassadors/Experts for Mentorship Support - Manage through YUKTI-NIR	ME Dept.	Offline/Online	
8.	Organise an Inter/Intra Institutional Start-up Competition and Reward Best Startups - Manage through YUKTI-NIR	CSE Dept	Offline	

Celebration Activities Quarter 4 (1 st June . - 31st August)					
Sl. No	Date	Celebration Activity Name	Association with	Month	Quarter
1	06 th June 2023	World Environment Day	Civil Dept.	June	

2	21 st 2023	August	“World Entrepreneurs Day”.	ME Dept.	August	Q4
3	15 th 2023	August	Independence Day- Celebrating Aazadi Ka Amritkal	ECE Dept.	August	



Achievements:

Field description	Data
Number and Different types of Innovation & Entrepreneurship and IPR activities Conducted	42
No. of student's & faculty ideas generated	39
No. of student's & faculty Innovation/prototypes developed	30
No. of IPs generated, published and granted develop	40
No. of Student & Faculty Start-ups/Ventures established.	0
Entrepreneurship in the campus	3
Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR	Nil

Best IIC Faculty/Student members and their achievements/Rewarded Student Achievements

S . No	Name of the Faculty	Department	Idea of the Theme/	Title of the Proposal	Name of the Funding Agency	Type (Government/Non-Government)	Status
1	Bhukya Jasvath (Student)	CSE	Eco-Friendly India	Sustainable fashion	MSME	Government	15,00000/- (Sanctioned)

विकास आयोग का कार्यालय
(ग्राम, लघु एवं मध्यम उद्यम)
ग्राम, लघु एवं मध्यम उद्यम संवर्धन
अयोग (नयाँ दिल्ली)

ब्लॉक 4004, एनपी बिल्डिंग, सीएमए 20001 (एन)
नई दिल्ली-110 128



OFFICE OF THE DEVELOPMENT COMMISSIONER
(MICRO, SMALL & MEDIUM ENTERPRISES)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

Nirman Bhawan, 7th Floor, Madana Araf Road,
New Delhi-110 108

Ph. EPAX-23063800, 23063802, 23063803, 23063804, 23063805 & 23063806

File No. : 17(2)/ MSME Innovative/PMAC/2021-22 Date : 13-07-2023

To,

NARSIMHA REDDY ENGINEERING COLLEGE

Subject: Approval of ideas/ proposals submitted by your Institute under "MSME Idea Hackathon 2.0" under the Incubation Component of MSME Innovative Scheme GoI assistance-reg..

Sir,

I am directed to inform you that the idea(s) / proposals received from your institute under the above scheme were considered by the PMAC meeting held on 26/06/2023. The committee has approved the following idea(s). The details of approved idea / proposal are as under.

Sl. No.	Name of Incubatee and Title	Project cost	Amount Sanctioned as GoI Share (Rs. in lakhs)	Incubatee Share (Rs. in lakhs)
1	Bhukya Jasvath , Eco-FRIENDLY INDIA	15.000	15.000	0.000

Further, in order to release GoI grant, You are requested to go through instructions/ guidelines on Revised procedure for flow of funds under Central Sector Schemes O.M from D/o Finance, vide no. 1(18)/PFMS/FCD/2022 dated 9.03.2022 carefully and nomination of CTTC Bhubaneswar as CNA vide letter dated No. 41(1)/Budget/MSME Champions/2021 dated 27.06.2022 for Model -2 for release of funds to His (For details Click here)

- CTTC Bhubaneswar has opened Saving A/c in SBI for release of fund to His as CNA Account. The contact officer of CTTC, Bhubaneswar is Shri S. K. Rout, 9437965670, skrout@cttc.gov.in
- All His have to inform CTTC, Bhubaneswar about the name of SBI Branch and code, where the Sub Agency (SA) account of Hi is to be opened.
- CTTC, Bhubaneswar will integrate it with CNA account through SBI Bank
- Hi will open new Zero Balance Current A/c in SBI in the branch shared with CTTC, Bhubaneswar and link with the CNA account.

Mission Amrit Sarovar Jal Dharohar Sanrakshan Internship Funded By AICTE our NRCM Rs 100000/-



Sanction Letter
AICTE Mission Amrit Sarovar – Jal Dharohar Sanrakshan Internship

F No. :- 1-1/NEAT/AMRIT/2022-23/ AMS-JDS - 212

Date: 27th July, 2022

To
The Drawing and Disbursing Officer,
All India Council for Technical
Education, Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110070

Sub: Release of a sum of **Rs. 1,00,000/- (Rupees One Lakh Only)** being the 1st installment **Grant-in-Aid** under the **Mission Amrit Sarovar – Jal Dharohar Sanrakshan** for the duration 1st July 2022 to 5th August 2022 and payable during the current financial year 2022-23- reg.

Sir/ Madam,

With reference to the Mission Amrit Sarovar Jal Sarovar Sanrakshan Internship, for the participating institute, this is to convey that the sanction of the Council for payment of **Rs. 1,00,000/- (Rupees One Lakh Only)** as sanctioned Grant-in-Aid under the **Mission Amrit Sarovar Jal Dharohar Sanrakshan**, as per details given below:

1.	Name and address of the Beneficiary Institution:	Narsimha Reddy Engineering College Survey No. 518, Hanuman Temple Rd, Maisammaguda, Kompally, Secunderabad, Telangana 500100.
2.	Scheme under which grant is to be released	Mission Amrit Sarovar – Jal Dharohar Sanrakshan (MAS-JDS)
3.	Water Body Allocated	Ramuni Cheruvu
4.	Name of Head of Institute (HOI):	Dr R V Krishnaiah
5.	Name of Institute Nodal Officer	Dr SHOBAN MUDE

- **The following students are benefited for the Amrit Sarovar Jal Dharohar Sanrakshan Internship**

Team Members:

1. Maayakuntla Yaswanth Reddy
2. E. Pranay Shiva Goud
3. Tharun Nimaliga
4. K. Nirmala
5. K. Sindhuja
6. P. Yuva Kishore Reddy
7. S. Akshara Reddy
8. G. Roshan Raj
9. G. Sai Sreeja
10. Gampa Anjani Prasad
11. G. Bharath Kumar
12. Kolla Dikshith Reddy
13. K. Prasanna
14. N. Supriya
15. A. Prathyusha
16. Gaddam Soumya Reddy
17. G. Mohana Sravya
18. E. Ravali
19. A. Nikitha
20. Gaddam Umesh Reddy
21. Gannamaneni Sai



Editorial Board Member:

1)Dr. P. Dileep Kumar Reddy, Professor, CSE Department, is a member of Edwin Group of Journal (Editorial Member) and has all privileges of membership. We thank him for his outstanding commitment, dedication and tireless support

S.No	Department	Journals	Textbooks	Patents
1	Civil	Nil	Nil	Nil
2	MECH	Nil	Nil	Nil
3	EEE	3	Nil	Nil
4	ECE	3	1	2
5	CSE	26	8	15
6	H&S	2	Nil	Nil

Awards

- Dr. P. Dileep Kumar Reddy Received Award ITAP - 2022 under the Category of "Innovative Computer Vision Teacher of the Year Award" Sponsored by RR KITS ITAP Award 2022 on 02/10/2022 Given by Raja Ratna KITS Engineering College Ramachandrapuram.
- Dr. P. Dileep Kumar Reddy Received Award 'Institution of Engineers (India) Young Engineers Award 2022-23' in Computer Engineering discipline, Sponsored by Institution of Engineers (India) during the inaugural session of

the 35th National Convention of Computer Engineers to be held at Bareilly, February 24-25, 2023.

- Received Award “Young Researcher Award” for contribution in the field of engineering for technical papers, citations and patents Computer Society of India, Hyderabad- Excellence Awards 2023 to be held at T-Hub, Hyderabad at 4 PM on 6th May 2023 (Saturday).

• **Few Important Journals List:**

Department	Indexed in SCOPUS / SCI /Others	Name of the Author	Title of the manuscript	Name of the Journal	Volume / Issue No	Page No	Month / Year	Impact Factor	Publisher
EEE	SCI	Dr. B. Lekshmi Sree	Adaptive neuro fuzzy inference system based Bass-Gura controller for solar powered SEPIC converter	IETE Journal of Research	Published online: 24 Nov 2022			2.333	Taylor & Francis
CSE	Scopus	Dr. P. Dileep Kumar Reddy	Optimizing physical activity recognition using hybrid LSTM network	Journal of Northeastern University	Vol. 26 Issue 01	1-16	Jan, 2023	-	DongbeiDaxue
CSE	Scopus	Dr. P. Dileep Kumar Reddy	Topic labeling and sentiment analysis on covid-19 news	Journal of Northeastern University	Vol. 26 Issue 01	17-34	Jan, 2023	-	DongbeiDaxue
CSE	Scopus	Dr. P. Dileep Kumar Reddy	Classification of risky cancer patients using enhanced multi algorithm	Journal of Northeastern University	Vol. 26 Issue 01	35-48	Jan, 2023	-	DongbeiDaxue
CSE	Scopus	Dr. P. Dileep Kumar Reddy	Light-weight face mask detection using center net deep learning detector	Journal of Northeastern University	Vol. 26 Issue 01	32-34	Jan, 2023	-	DongbeiDaxue

CSE	SCI	Dr. P. Dileep Kumar Reddy	The beneficial image pre processing by contrast enhancement technique for SEM images	Indian Journal of Engineering and Materials Sciences	Vo 1. 29,	83 1- 83 5	Dec , 202 2	0.61 5	National Institute of Science Communication and Information Resources
CSE	Scopus	Dr. P. Dileep Kumar Reddy	A generic framework for sharing data using attribute based cryptography in hybrid cloud	International Journal of Intelligent Systems and Applications in Engineering	Vo 1.1 0, No . 14	63 4- 64 0	Dec , 202 2	-	Ismail Saritas
ECE	International Journal	Ms.Spicasujetha	A multi objective fuzzy logic based multi-path routing algorithm for WSNs	International journal of modern education and computer	Vo 1. 1	30 - 40	Feb, 202 2	-	WMT
ECE	SCOPUS	Dr.M. Shoban	Non-invasive measurements of haemoglobin using AI	Royal society	Published online: 18 Feb 2022			3.11	RESEATCH SQUARE
ECE	SCOPUS	Dr.R. Murugesan	Effect of co-digestion using municipal solid waste with food waste under mechanical lab scale anaerobic	International journal of Mechanical Engineering	Vo 1. 7, No . 2	33 45 - 33 49	Feb -22	1.53	IJME
ECE	SCOPUS	Dr.R. Murugesan	An approach to noisy synthetic colour image segmentation using self organizing map	RAIAIA DE	Vo 1. 13 86	22 7- 23 8	Nov , 202 1	-	springer link

CSE	SCI	A. Barkat hulla	Optimized framework for intrusion detection using data mining techniques in wireless LAN with deep learning techniques	PERIOD ICO di MINER ALOGI A	Vo 1. 91, No . 4	81 - 98	July , 202 2	1.2	Hindawi
CSE	SCOP US	P.Rev athy	Power management using AI-based IOT systems	Measure ment: Sensors			Oct, 202 2	0.83	Elsevier Ltd.
CSE	SCOP US	P.Rev athy	AI-based big data analytics model for medical applications	Measure ment: Sensors	Vo 1. 24	1- 7	Oct, 202 2	0.83	Elsevier Ltd.
CSE	SCOP US	P.Rev athy	IOT integrated smart grid management system for effective energy management	Measure ment: Sensors	Vo 1. 24	1- 5	Sep, 202 2	0.83	Elsevier Ltd.
CSE	SCI	Dr.R. Rajag opal	Exploring the methods for application of machine learning to semantic web services	Computa tional Intellige nce and Neurosci ence	Vo 1. 20 22	1- 7	Aug , 202 2	3.6	Hindawi

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• **Few Lists of Patents**

Department	Name of IP (Copyright/Design Only)	IP Registration Number of Copyright/Design	Title of the patten	Published date
CSE	P.Revathy	202241059633 A	ML strategy for performance enhancement of phase change material for a smart control solar application	28-10-2022
CSE	Dr. U. Mohan Srinvas	202241056591 A	A Smart Image Processing Based Iot Integrated Glasses For Visually Challenged Person	14-10-2022
CSE	P.REVATHY	202241064742 A	A method and a device of Wireless Master Joystick Controller for Robotics	25-11-2022
CSE	Dr. VENKATESWA RULU NAIK. B	202241063001 A	ML strategies approach for analysis of IOT traffic mechanisms in an IOT cloud environment	18-11-2022

CSE	P.REVATHY	202241061114 A	An artificial intelligence and IOT based system for regenerative medicine for the treatment of life-threatening diseases and working method thereof	18-11-2022
CSE	Dr.Ravindra Raman Cholla	202241057065 A	Methodology Integrated With Machine Learning Algorithms To Predict The Soil Quality And Crop Yield As Per The Soil Fertility	21-10-2022
CSE	Dr. P. Dileep Kumar reddy	202241050707 A	Deep Learning Based Drug Discovery Technique to Analyse the Impact Of Existing Drugs For Leukemia And Paving Way For New Efficacious Drugs	16-09-2022
CSE	Dr.R.Rajagopal	202241050548 A	Deep Learning Models For Modelling Of Intelligent Drone Assisted Crop Monitoring System And Enhance Crop Yield	16-09-2022
CSE	Nidamanuru Srinivasa Rao	202241050446A	Artificial Intelligence based system to direct the drugs to the faculty DNA Sequences and Tailoring the GENE sequences	09-09-2022
CSE	P.Revathy	202241047928 A	A system for detecting blockchain SMS posting bot based on machine learning and method thereof	02-09-2022
CSE	Dr.B.V.Naik	202241042636 A	Preventing attack on cyber automation system based on Artificial Intelligence	05-08-2022
CSE	Mrs.K.Priyanka	202241075965 A	Machine learning based approach to predict the political determinants of economic exchanges in India	13-01-2023
CSE	P.Revathy	202241052358	Non-trust based transaction system using blockchain based machine learning model and method thereof	23-09-2022
MBA	Dr. Srinivasarao Angati	202341000117A	Industrial organizational Psychology and Human Resource Management Analysis through Big Data Analytics	27-01-2023

MBA	BATTULA KASIVISWAN ADHAM	202341000201A	Implementation of systematic framework for analysis of subordination of emerging capitalist economist along with financial capitalism	06-01-2023
MBA	Dr. Srinivasarao Ang ati	202241068151	Smart AI based approach to manage the payment of E-commerce sites and Financial Management	23-12-2022

• **NRCM College Level- list of on-going completed projects:**

S · N o	Name of the Faculty	Department	Idea of the Theme/	Title of the Proposal	Name of the Funding Agency	Type (Government/Non-Government)	S t a t u s
1	Murugesan R	CSE	Technology to take off CO2	Waste to wealth creation, circular solutions 7 waste management	MSME	Government	15,000 00/- (Sancti oned)
2	Dr. Honey Durga Prasad Tiwiari	ECE	NCSTC	Title of the Project: Science Fair for Creating Awareness Among Rural Communities of Telangana(TPN / 81514)	DST, NCSTC Science Fair	Government	20,420 00/- (Sancti oned)
3	Dr. P.Dileep Kumar Reddy & Dr. Nidamanuru Srinivas Rao	CSE	Seminar	Societal applications of Block Chain Technology and Cyber Physical Systems	Serb File Number : SSY/20 23/000 308 Submis sion Date : 27- Mar- 2023	Government	15,000 0/- (Comp leted)

Text Books

S. No.	Name of the Faculty	Title of the Book published/Book Chapter	National / International	Year and month of publication	ISBN of the Book/Conference Proceeding	Name of the Publisher
1	DR. P. DILEEP KUMAR REDDY	PROGRAMMING IN R	National	September, 2022	978-93-94304-76-5	GCS India Publisher
2	DR NIDAMANURU SRINIVAS RAO	PYTHON PROGRAMMING : A PRACTICAL PERSPECTIVE	International	August, 2022	978-93-95191-04-3	Deccan International Academic Publisher
3	P.REVATHY	ADVANCED PYTHON PROGRAMMING	National	September, 2022	978-93-5577-273-2	CHARULATHA PUBLISHERS,INDIA
4	P.REVATHY	FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE	National	September, 2022	978-93-5577-210-7	CHARULATHA PUBLISHERS,INDIA
5	P.REVATHY	RESEARCH METHODOLOGY AND IPR	International	March, 2023	978-93-5757-266-8	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE
6	Dr. C.R.RAMAN	DATA COMMUNICATION	International	October 2022	978-93-9519-120-3	Deccan International Academic Publisher
7	DR NIDAMANURU SRINIVAS RAO	EMERGING TRENDS IN INTELLIGENCE ANALYTICS AND INFORMATION TECHNOLOGY	National	September, 2022	978-93-94304-000	GCS India Publisher
8	Dr. P. Dileep Kumar Reddy	Emerging Technologies Transforming The Future	National	Jun-23	978-93-94304-96-3.	GCS India Publisher
9	Dr. Venkateswarulu Naik B	Cyber Security	National	July 2023	ISBN-13: 978-93-5577-534-4	CHARULATHA PUBLISHERS,INDIA

• **Internships:**

S. No	Department / Section	Year/Sem	Name of the student	Programme Name (field work/projects/ internships / student projects / MOOC course)	Duration of the course	Date of completion
1	CSE-A	IV-II	Maayakuntla Yaswanth	Internship (Vodafone Idea limited)	3 Months	3/3/2023

			Reddy			
2	CSE-B	IV-II	S. Akshara Reddy	Internship (Vodafone Idea Limited)	3 months	3/3/2023
3	CSE-B	IV-II	s.sharanya	Internship (Vodafone Idea Limited)	3 months	3/3/2023
4	CSE-A	IV-II	k.Sadvika	Internship (Vodafone Idea limited)	3 months	3/3/2023
5	CSE-A	IV-II	G.Anjani Prasad	Internship (Vodafone Idea limited)	3 months	3/3/2023
6	CSE C	IV-II	Deepthi Murarishetty	Internship(Girnarsoft)	6 months	14/8/2023
7	CSE - B	IV-II	G .Harish babu	Internship (Vodafone Idea limited)	3 months	3/3/2023
8	CSE-B	IV-II	T. Sahithi	Internship(Pragmaedge)	6 months	3/9/2023
9	CSE-C	IV-II	K.L.S.Kamal	Internship (Vodafone idea limited)	3 months	3/3/2023
10	CSE-C	IV-II	manasa	Internship (Vodafone idea limited)	3 months	3/3/2023
11	CSE-A	IV-II	M. Vineetha	Internship (Vodafone idea limited)	3 months	3/3/2023
12	CSE-A	IV-II	R.Harshika	Internship(Vodafone idea limited)	3 months	3/3/2023

We, IIC a NRCM dedicated to develop Start Up & Entrepreneurship eco system in and around college premises.

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