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SMART INDIA
HACKATHON
2026



INTERNAL HACKATHON FOR SMART INDIA HACKATHON (SIH) - 2026

ABSTRACT

The Department of Artificial Intelligence and Data Science, Aditya College of Engineering, Madanapalle organized an Internal Hackathon under the **Smart India Hackathon (SIH) – 2026** initiative of the Ministry of Education, Government of India. The event aimed to nurture innovation, creativity, and problem-solving skills among students by addressing real-world challenges. Teams presented their ideas and solutions, which were evaluated based on innovation, feasibility, and societal impact by expert jury members. The best teams were shortlisted to represent the institution at higher levels of SIH – 2026. The hackathon fostered teamwork, innovation, and a spirit of nation-building.





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SMART INDIA
HACKATHON
2026

Report on Internal Hackathon for Smart India Hackathon (SIH) – 2026

Organized by the

Department of Artificial Intelligence and Data Science, ADITYA COLLEGE OF ENGINEERING, MADANAPALLE

Date: 10th September 2026

INTRODUCTION

The *Smart India Hackathon (SIH)*, an initiative of the Ministry of Education, Government of India, has become one of the largest nationwide platforms that brings together young minds to solve pressing problems of society, industry, and government through innovative and technology-driven solutions. As part of this prestigious initiative, Aditya College of Engineering, Madanapalle, conducted its **Internal Hackathon for SIH-2026** on **10th September 2026**, organized by the **Department of Artificial Intelligence and Data Science (AI & DS)**.

The primary objective of the Internal Hackathon was to identify and nurture innovative ideas from students across various years and to shortlist the best-performing teams that can represent the Institution in the forthcoming National-level Hackathon. Beyond the selection process, the event aimed to instill creativity, problem-solving abilities, collaboration, and leadership among students while exposing them to real-world problem statements.

PARTICIPATION AND ENGAGEMENT



Inviting the dignitaries on the Dias during the Internal Hackathon for Smart India
Hackathon (SIH) – 2026





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The Hackathon witnessed **enthusiastic participation from nearly 250 students** spanning the 2nd, 3rd and 4th years of B.Tech. programs. Students worked in teams, reflecting the spirit of collaboration and interdisciplinary learning. Each team came forward with unique ideas ranging from Artificial Intelligence and Data Science solutions to applications in IoT, healthcare, agriculture, education, sustainable development, and smart governance.

The diversity of ideas reflected the students' curiosity and their ability to think critically about issues that affect both local communities and global society. Their solutions were backed with presentations, prototypes, and demonstrations that were evaluated by an esteemed jury.

INAUGURAL CEREMONY

The inaugural function of the Internal Hackathon was a grand and motivating beginning. It was graced by eminent personalities:

- **Sri. R. Rama Mohan Reddy**, *Secretary & Correspondent*
- **Sri. M. Nagamalla Reddy**, *President*
- **Dr. S. Ramalinga Reddy**, *Director*
- **Dr. Rayudu Peyyala**, *Principal*
- **Dr. Y. Sreeraman**, *Associate Professor, School of Technology, Apollo University*
- **Dr. R. Mahammad Shafi**, *Professor & Head, Department of AI & DS, and SPOC-SIH*



Dr. S. Ramalinga Reddy, Director, Aditya College of Engineering, honoring Dr. Y. Sreeraman, Associate Professor, School of Technology, Apollo University, Chittoor, with a bouquet as a token of appreciation for serving as Jury Member in the Internal Hackathon for Smart India

Hackathon (SIH) – 2026





The dignitaries collectively emphasized the significance of Hackathons as a platform to unlock the creativity and talent of young engineers. They expressed their appreciation for the organizing team and congratulated the student participants for showing enthusiasm and commitment to innovation.

KEY HIGHLIGHTS FROM THE DIGNITARIES

- **Sri. R. Rama Mohan Reddy, Correspondent**, expressed his pride in the active involvement of students and faculty in national-level initiatives like SIH. He highlighted the importance of developing practical solutions that can contribute to the welfare of society, particularly in rural India.
- **Sri. M. Nagamalla Reddy, President**, encouraged students to embrace challenges with confidence and to build strong problem-solving capabilities that would prepare them for both professional and entrepreneurial pursuits. He appreciated the institution's consistent efforts in fostering an innovation-driven culture.
- **Dr. S. Ramalinga Reddy, Director**, delivered an inspiring message to the students. He stressed that Hackathons are not merely competitions but are transformative experiences where learning, creativity, and teamwork converge. He motivated students to look at real-life challenges as opportunities to innovate and contribute to the larger good of society. He reminded them that success lies not only in winning but in the journey of ideation, learning, and refining skills. His words of encouragement instilled confidence and inspired participants to approach their projects with renewed passion.





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- **Dr. Rayudu Peyyala, Principal,** congratulated the participants for their active involvement and applauded the faculty for facilitating such a vibrant platform. He emphasized that the Hackathon was a stepping stone for students to explore beyond academics, nurture curiosity, and transform ideas into impactful solutions. He encouraged the students to leverage such opportunities to prepare themselves for global challenges in the technology-driven era.



- **Dr. R. Mahammad Shafi, Professor & Head, Department of AI & DS, and SPOC-SIH,** explained the purpose of the Internal Hackathon and how it aligns with the objectives of SIH. He highlighted that such events allow students to work on real-time challenges, strengthen their technical skills, and gain confidence to compete at national and international levels. He also thanked the management and faculty for their support in organizing the event successfully.





JURY AND EVALUATION

The Internal Hackathon was further enriched by the presence of **Dr. Y. Sreeraman, Associate Professor, School of Technology, Apollo University, Chittoor**, who acted as one of the esteemed Jury Members. The following Faculty Members acted as Jury Members along with Dr. Sreeraman.

- **Dr. M. Roshini**, Professor & Head, Department of CSE(AI), Aditya College of Engineering, Madanapalle.
- **Dr. S. Vinay Kumar**, Associate Professor & Head, Department of Civil Engineering, Aditya College of Engineering, Madanapalle.
- **Dr. K. Saivenu Prathap**, Associate Professor, Department of ECE, Aditya College of Engineering, Madanapalle.



The Jury Members provided valuable insights while evaluating the teams. They appreciated the creativity and technical knowledge of the students, while also offering constructive feedback to help them refine their ideas. The inputs of the Jury Members emphasized the importance of practical implementation, scalability, and impact of the solutions proposed by the participants.





The Jury followed a comprehensive evaluation framework that considered the Innovation of the Proposed Solution, Feasibility of the Proposed Solution, Cost effectiveness of the Proposed Solution, Technical Strength of the Team for Implementation originality of the idea and the overall presentation by the participants.

STUDENT EXPERIENCE AND OUTCOMES

For the students, the Internal Hackathon was not only a competition but a memorable learning experience. The event gave them an opportunity to:

- Work collaboratively in teams, learning the dynamics of leadership and teamwork.
- Explore real-world problem statements and attempt to design feasible solutions.
- Present and defend their ideas before an expert jury, gaining valuable exposure.
- Learn from constructive feedback that will guide them in refining their projects.
- Build confidence to participate in larger platforms like the national SIH.





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Several innovative ideas emerged during the event, covering diverse domains such as healthcare diagnostics, precision agriculture, smart learning systems, renewable energy, and AI-driven governance models. These ideas demonstrated the technical acumen, creativity, and social awareness of the young participants.



Active participation of students in the Internal Hackathon for Smart India Hackathon (SIH) – 2026 at Aditya College of Engineering

SIGNIFICANCE OF THE EVENT

The Internal Hackathon at Aditya College of Engineering stands as a testament to the Institution's commitment to promoting innovation, research, and entrepreneurship among students. Events like these prepare students not only for academic excellence but also for professional success in a highly competitive and evolving technological landscape.

By participating in Hackathons, students are encouraged to adopt a problem-solving mindset, develop resilience, and adapt to emerging technologies—qualities essential for engineers in



the 21st Century. Moreover, the focus on real-world problem statements ensures that students remain connected to societal challenges, particularly in areas like rural development, education, and healthcare.

VALEDICTORY FUNCTION

During the Valedictory Function, **Dr. Rayudu Peyyala**, Principal of Aditya College of Engineering, congratulated the Department of Artificial Intelligence and Data Science for successfully organizing the Internal Hackathon for Smart India Hackathon (SIH) – 2026. He appreciated the efforts of the Faculty, Student coordinators, and participants for their active involvement and commitment in making the event a grand success.



Distribution of Appreciation Letters to the Jury Members in recognition of their dedicated efforts and valuable contributions to the successful organization of the Internal Hackathon for Smart India Hackathon (SIH) – 2026





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Dr. Rayudu Peyyala emphasized the importance of such initiatives in nurturing innovation, creativity, and problem-solving skills among students. He also issued Appreciation Letters to the Jury Members and Faculty Coordinators in recognition of their valuable contributions.

CONCLUSION

The *Internal Hackathon for SIH – 2026* organized by the Department of AI & DS, Aditya College of Engineering, Madanapalle, was a resounding success. With nearly 250 enthusiastic participants, the event turned into a vibrant showcase of creativity, innovation, and technical excellence. The involvement of distinguished dignitaries, experienced jury members, and motivated faculty members added immense value to the entire program.

The words of encouragement from **Dr. S. Ramalinga Reddy, Director**, and **Dr. Rayudu Peyyala, Principal**, inspired students to aim higher and see Hackathons as a gateway to learning, growth, and contribution to society. The constructive feedback from **Dr. Y. Sreeraman**, Jury Member, enabled participants to refine their ideas with practical perspectives.

The Hackathon reaffirmed the institution's dedication to empowering students with skills, confidence, and opportunities to excel at both national and global stages. With such initiatives, Aditya College of Engineering continues to strengthen its role as a hub of innovation and excellence in engineering education.

SIGNATURE OF THE SPOC

PRINCIPAL
Principal

Aditya College of Engineering
Madanapalle - 517325





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NEWS PUBLISHED IN TELUGU DAILY NEWS PAPERS

ఆదిత్య ఇంజనీరింగ్ కళాశాలలో అంతర్గత హ్యాకథాన్

- వాస్తవ సమస్యలకు సాంకేతిక పరిష్కారాలు చూపాలి: డా.ఎస్.రామలింగారెడ్డి



మదనపల్లె, సెప్టెంబర్ 10 (నేటి మనదేశం ప్రతినీతి): స్మార్ట్ ఇండియా హ్యాకథాన్-2026లో భాగంగా మదనపల్లె లోని ఆదిత్య కాలేజ్ ఆఫ్ ఇంజనీరింగ్లో గురు వారం అంతర్గత హ్యాకథాన్ నిర్వహించారు. విద్యార్థుల్లో సృజనాత్మకత, వినూత్న ఆలోచనలను పెంపొందించి, సామాజిక, వాస్తవ సమస్యలకు ఆచరణాత్మక సాంకేతిక పరిష్కారాలు రూపొందించేలా ప్రోత్సహించడం కార్యక్రమ ఉద్దేశమని

నిర్వాహకులు తెలిపారు. కార్యక్రమానికి కళాశాల కార్యదర్శి, కరస్పాండెంట్ ఆర్. రామమోహన్రెడ్డి, అధ్యక్షుడు ఎం.నాగ మల్లారెడ్డి, డైరెక్టర్ డా.ఎస్.రామలింగారెడ్డి, ప్రిన్సిపాల్ డా.రాయుడు పెయ్యాల హాజరయ్యారు. ఈ సందర్భంగా డా.రామలింగారెడ్డి మాట్లాడుతూ.. జట్టుకృషి, సృజనాత్మకత, ఆధునిక సాంకేతిక పరిజ్ఞానాన్ని ఉపయోగించి నిజజీవిత సవాళ్లకు పరిష్కారాలు అన్వేషించాలని విద్యార్థులకు సూచించారు. హ్యాకథాన్లు తమ ఆలోచనలను ఆచరణాత్మక పరిష్కారాలుగా మార్చుకునేందుకు మంచి వేదికలని పేర్కొన్నారు. కృత్రిమ మేధస్సు, సమాచార శాస్త్ర విభాగం ప్రొఫెసర్, విభాగాధిపతి, స్మార్ట్ ఇండియా హ్యాకథాన్-2026 ప్రత్యేక సమన్వయకర్త డా.ఆర్.మహమ్మద్ షఫీ కార్యక్రమాన్ని సమన్వయం చేశారు. సమస్యల ఎంపిక, బృందాల ఏర్పాటు, ఆలోచనల రూపకల్పన, పరిష్కారాల అభివృద్ధి, నమూనా తయారీ, ధ్రువీకరణ, ప్రదర్శన తదితర దశలను వివరించారు. చిత్తూరులోని అపోలో విశ్వవిద్యాలయం, సాంకేతిక విద్యా పాఠశాల అసోసియేట్ ప్రొఫెసర్ డా.వై.శ్రీరామన్ న్యాయనిర్ణేతగా పాల్గొన్నారు. డీన్లు, విభాగాధిపతులు, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.

News Article published in Telugu Daily News Paper Neti Manadesam on 11-09-2026
(Friday)





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ఆదిత్యలో స్పార్ట్ ఇండియా హ్యాకథాన్

మ.వ.స.పత్రిక, సెప్టెంబర్ 10 ప్రచురితం

[illegible]

ಗೌರಿ ಕಲ್ಯಾಣಿಗೂ ಪಾಠ್ಯಕ್ಕೆ ಮಾರ್ಪಟ್ಟಂತಹವಳೇ ಆಗಿರುವುದರಿಂದಲೂ, ನಮ್ಮ ಪರಿ ಪಾಠ್ಯ ಸಮಿತಿಯ ಮೊದಲೂ ಪಾಠ್ಯಸಂಯಮ ಸಾರ್ವಜನಿಕ ಪರಿಷ್ಕಾರಣಾಧಿಕಾರಿಗಳ ಸಮಿತಿಗೂ, ಪಾಠ್ಯಸಂಯಮಸಮಿತಿಗೆ ಅನುಮತಿ ಪಡೆದು ನಮಗೆ ಈ ಅಧಿಕಾರ ನೀಡಿದ್ದು, ಮೊದಲನೆಯವರೇ ಆಗಿರುವ ಈ ಅಧಿಕಾರವು ನಮ್ಮ ಸಮಿತಿಯ ಕೆಲಸವಾಗಿದೆ ಅಂದರೆ ವಿಶ್ವಾಸ್ತವ್ಯವು ಛಾತ್ರರಿಂದಾಗದು. ಈ ಪಾಠ್ಯಸಮಿತಿಯ ವಿಶ್ವಾಸ್ತವ್ಯವು, ಸಿಬಿಇ, ಮಿಗಲಾಂಟಿಂಗ್ ಮತ್ತು ಅಧ್ಯಾಪಕರ ಸಮಿತಿ, ಮರುಮಾ ರ್ಪಣೆಗಾಗಿರುತ್ತದೆ. ಈ ಪಾಠ್ಯಸಮಿತಿ ಅಭಿಪ್ರಾಯ ಪಾಠ್ಯಸಂಯಮ ಸಮಿತಿಗೆ ಮೊದಲು ನಮ್ಮ ಪರಿಷ್ಕಾರಣ ಸಮಿತಿಗೆ ಮೊದಲನೆಯ ಪಾಠ್ಯಕ್ಕೆ ಮಾರ್ಪಟ್ಟಂತಹ ಛಾತ್ರ ಮಂಡಳಿಯ ಪರಿಷ್ಕಾರಣವು ಅನುಮತಿ ನೀಡುವಂತೆ ಮಾಡಲು ಸಾಧ್ಯ. ಇದೇಯಾ ಮಾರ್ಚ್ 2026ರ ಸಂಯಮ ಅಭಿಪ್ರಾಯವು ಛಾತ್ರರಿಂದ ಮೊದಲನೆಯ ಸೆರೆ ಹಿಡಿಯಿತು.



News Article published in Telugu Daily News Paper Vaartha on 11-09-2026 (Friday)

ఆదిత్యుల సన్మార్గ ఇండియా పబ్లికేషన్ కారకు అంతర్గత పబ్లికేషన్

- విద్యార్థులకు పలు అంశాలపై అవగాహన

[illegible]

1. *Abstracts of the Proceedings of the 1988 Annual Meeting of the American Psychological Association, 1988, Washington, D.C., August 1-5. The abstracts are arranged in 10 volumes, each covering a different area of psychology. The volumes are: (1) General Psychology; (2) Experimental Psychology; (3) Developmental Psychology; (4) Educational Psychology; (5) Health Psychology; (6) Industrial/Organization Psychology; (7) Legal Psychology; (8) Personality and Social Psychology; (9) Psychological Testing and Measurement; and (10) Special Topics. The abstracts are written by the authors of the papers presented at the meeting and are available in both printed and microfiche formats. The printed format is available in 10 volumes, each containing approximately 1,000 abstracts. The microfiche format is available in 10 microfiche cards, each containing approximately 1,000 abstracts. The abstracts are available for purchase from the American Psychological Association, 750 First Street, N.E., Washington, D.C. 20002. The price of the printed format is \$15.00 per volume, and the price of the microfiche format is \$15.00 per card. The abstracts are also available for purchase from the American Psychological Association, 750 First Street, N.E., Washington, D.C. 20002. The price of the printed format is \$15.00 per volume, and the price of the microfiche format is \$15.00 per card.*

***News Article published in Telugu Daily News Paper Kurukshethram on 11-09-2026
(Friday)***





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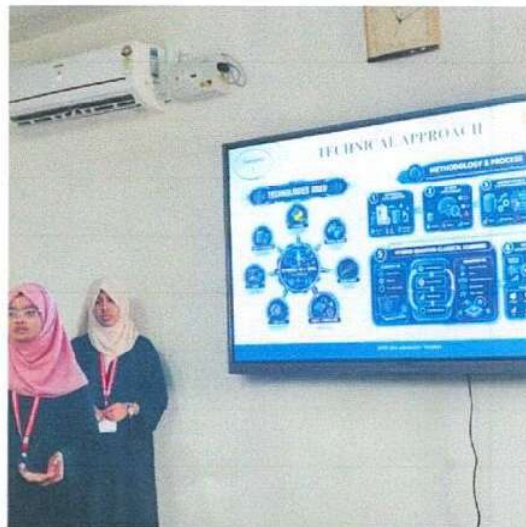
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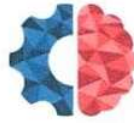
INTERNAL HACKATHON FOR SMART INDIA HACKATHON – 2026

STUDENTS IDEA PRESENTATION





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Madanapalle -517325, Chittoor Dist., A.P.

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PS NUMBERS AND THEMES PRESENTED

S. No.	THEME	PS NUMBER(S)	No. of Ideas Presented
1.	Travel and Tourism	26204	1
2.	Agriculture, FoodTech & Rural Development	26234, 26033	2
3.	Heritage & Culture	26090	1
4.	MedTech / BioTech / HealthTech	26139, 26133, 26038, 26003, 26181	5
5.	Blockchain & Cybersecurity	26145, 26152, 26104, 26106, 26188, 26104, 26189, 26141	8
6.	Miscellaneous	26134, 26129	2
7.	Smart Automation	26127, 26017, 26049, 26117, 26023	5
8.	Disaster Management	26073, 26178, 26070, 26068, 26069, 26071, 26068	7
9.	Transportation & Logistics	26002, 26205	2
10.	Smart Education	26207, 26207	2
11.	Space Technology	26176	1
Total			36





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2026

INTERNAL HACKATHON FOR SMART INDIA HACKATHON

LINKEDIN DETAILS

Link: <https://lnkd.in/p/dh6UQcWf>

IN CALL FOR STUDENTS PARTICIPATION | SIH - 2026
Internal Hackathon of Smart India Hackathon - 2026
Aditya College of Engineering, Madanapalle invites U, III & IV Year B.Tech students from all Branches to participate in the Internal Hackathon of Smart India Hackathon 2026.
Date: 10 September 2026
Venue: Aditya College of Engineering, Madanapalle
Team Size: 6 Members
At least One Girl Student per Team
This is your opportunity to work on real world challenges, showcase your creativity, strengthen your problem solving skills and develop innovative technology driven solutions.
SHOWCASE YOUR IDEAS
BUILD SOLUTIONS
MAKE AN IMPACT!
Innovate • Solve • Impact
#SIH2026 #SmartIndiaHackathon2026 #InternalHackathon #Hackathon2026
#Innovation #StudentInnovation #ProblemSolving #Technology #AI #DataScience #IoT #Entrepreneurship #AdityaCollegeOfEngineering #Madanapalle #BC #InnovationCell #MinistryOfEducation Aditya College of Engineering, Madanapalle

Reactions:





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Link: <https://www.instagram.com/p/DdBjlbmTSck/?stkn=ZXoxdmdibDZyOTE=>



ADITYA COLLEGE OF ENGINEERING MADANAPALLE

(UGC - Autonomous Institution)
Valanapalle Post, Punganur Road, Madanapalle - 517325,
Annamayya District, Andhra Pradesh.



CALL FOR STUDENTS PARTICIPATION IN INTERNAL HACKATHON OF SMART INDIA HACKATHON - 2026

DATE
10-09-2026

VENUE
Aditya College of Engineering
Madanapalle

PROBLEM STATEMENTS

Solutions to the problem statements provided by various Ministries, Departments and Organizations.

WIN PARTICIPANT

- Work on real-world challenges
- Enhance problem-solving and innovation skills
- Exposure to national level SIH-2026
- Certificates & Recognition

ELIGIBILITY

All B.Tech Students (II, III & IV Year) from all Branches

TEAM SIZE

6 Members with at least One Girl Student per Team

SHOWCASE YOUR IDEAS, BUILD SOLUTIONS, MAKE AN IMPACT!

CHIEF PATRONS

Sri. R. Rama Mohan Reddy
Secretary & Correspondent
Sri. M. Nagamallu Reddy
President

PATRON

Dr. S. Ramesh Reddy
Director

CO-PATRON

Dr. Rayudu Peyyala
Principal

SPOC

Dr. R. Mahammad Shaik
Professor & Head
Department of AI & DS

BE THE INNOVATOR OF TOMORROW
Let's innovate for a better tomorrow! Together, we can solve the challenges of tomorrow!
Organized by: Department of Artificial Intelligence and Data Science

SCAN TO KNOW MORE ABOUT SIH-2026



official_acem and jahnavi_somaraju ...

official_acem 1d
Got an idea? A crazy one? Or a "wait... this might actually change something!" kind of idea?

Well then, gather your dream team, charge those laptops and let the brainstorming chaos begin! 🚀💡

Aditya College of Engineering, Madanapalle is all set to host the Internal Hackathon for Smart India Hackathon 2026! 🎉

Come with problems.
Leave with possibilities. ✨

Because somewhere between endless brainstorming, wild ideas, "Bro, I think I've got it!" moments and maybe a little chaos, great innovations are born. 😊

1 day ago

Comments on this post have been limited.

