

## COLLEGE PROFILE

1	Name of the College, URL of Website, email and Phone number	NEWTON'S INSTITUTE OF ENGINEERING Algurajupally, Koppunur, Macherla, Guntur (D), Andhra Pradesh - 522426 Website: www.nie.co.in
2	Name of the Principal, email & Mobile No.	Dr.G. Jagadeeshwar Reddy, 9494470840, nie.a1@newton.edu.in
3	Name of the IQAC Coordinator, email & Mobile No.	Mr.B.Narsimha Rao, 900001136, @narasimha.nieapmc1@gmail.com
4	Year of Establishment & details of land available if any	2001
5	Affiliating University	JNTUK
6	NAAC Grade with Cycle, Accredited Year & CGPA (Status of preparation if not Accredited)	

7	Audits	External	Internal
	Academic	JNTU	Internal Audit Tem
	Administrative	NIL	Management

## I-CURRICULAR ASPECTS

	Item	Along with grade A(Good )B(Satisfactory)/C(poor) Observation		Recommendation/Suggestions by Academic Advosors (if any)
		Grade	Impression	
8	Implementation of Annual Institutional Plan	A	GOOD	The institution has implemented the annual Strategic institutional plan.
9	Department Annual Curriculars Plans	A	GOOD	It was observed that the annual curricular plans were Implemented and followed in each department.
10	Whether the above two circulaated among Students?	A	GOOD	Yes,The annual instution plan and curricular plans Were circulated among students.
11	College Calender / college Magazine	A	GOOD	The college calender were prepared and distributed to all the staff and students the soft copy of the College calendar is a available
12	Add-on Courses (Department-Wise )c ompleted during 2022-2023	A	GOOD	The add-on courses were conducted to enrich empoly.Ability skills.It was suggested to conduct the few more in the coming acadamic year
13	Coverage of syllabus (Average Percentage)	A	GOOD	It was observed that 100% syllabus was covered in all the subjects

14	Teaching if value added course	A	GOOD	The value added courses were conducted improve the skills of employees.
15	No. Of New UG&PG Courses introduced in 2022-2023	A	GOOD	One new U G course "Artificial Intelligence and machine Learning" introduced in the academic year 2022-2023
16	Maintenance of student Attendance Register	A	GOOD	It was observed that student attendance registers were maintained properly
17	Whether feedback on curriculum was obtained from stake holders and analysed	A	GOOD	Yes, the institution implemented the feed back on curriculum, With was obtained from holders and analyzed for improving all the aspects of the institution

## II-TEACHING, LEARNING & EVALUATION

18	Students admission -Cut off marks and % if SC,ST,BC, Minority and OC students admitted(Group Wise) in 2022-2023	A	GOOD	The efforts of the institution in student admissions Were commendable
19	Social -economic status of student enrolled (Group wise and year wise)	A	GOOD	Social -economic states of student enrolled in 2022-2023 was moderate
20	Percentage of different abled students (Divyangian) on rr roll	A	GOOD	The efforts taken by the management to support differently abled students were appreciable
21	Percentage of full time teachers against sanctioned Posts in 2022-2023	A	GOOD	100% of full time teachers against sanctioned posts in 2022-2023 was maintained
22	Students - Fill time teacher ratio	A	GOOD	Student -full time teacher ration of 1:12 was maintained
23	Number of days from the data of list semester- end -/ Year-end examination till the declaration of results in 2022-2023	A	GOOD	As per JNTU guidelines
24	Teaching Plans inn Prescribed Formats	A	GOOD	Teaching plans were documented in prescribed Formats in course files.
25	Use of ICT in teaching and learning average percentage Teachers ICT for effective teaching	A	GOOD	The ict tools were well utilized
26	With Learning Management System (LMS), E-learning Resources etc.	A	GOOD	It was observed that 10% of the faculty members Effectively utilized ICT tools for teaching -learning Practices
27	Co- Curricular Activities (College level)	A	GOOD	The effort taken by the management to support co -curricular activities were applicable
28	Seminar/conferences/workshops organized in 2022-2023	A	GOOD	The effort taken by the management to conduct seminars conferences/work shops in 2022-2023 Was appreciable
29	Academic Competitions (College Level & Above)	A	GOOD	The effort taken by the management to support Curricular activates were applicable
30	Conduct of internal Examinations-Internal assessment	A	GOOD	It was observed that internal examination assessments were strictly done as per JNTUK

31	Teacher wise result analysis	A	GOOD	The Teacher wise analysis was found good. But it was suggested to be improved.
32	Pass Percentage of students (Group wise) in 202-2023	A	GOOD	Pass percentage of students was found good. However it was suggested to be improved.
33	Percentage of students undertaking field projects / Internships	A	GOOD	Percentage of students undertaking field projects/internships was found good. But it was Suggested to be improved.
34	Remedial Class	A	GOOD	Remedial classes were taken to improve slow learners in their studies this efforts were appreciable.
35	Conduct of Bridge course	A	GOOD	It was observed that bridge courses were conduct In English physics. Chemistry and mathematics to Cater the gap between students dicersity
36	Feed back on Teachers by Students and its analysis	A	GOOD	It was observed that feedback system on teaching Learning process was followed systematically. The consolidated feedback was analyses in-depth, so as Make to an insight into it.

### III-RESEARCH,INNOVATIONS AND EXTENSION

37	Is the College a Recognized Research center	A	GOOD	The institution has planned to apply for the Recognition of search center in the institution
38	No. of Research Guides in the college	A	GOOD	The initiation was taken to motivate all the Doctorates to apply for research guide ship
39	Major/Minor/Other Research Projects	A	GOOD	Motivation was given to carry out many resurch Projects.
40	Research Papers Published in 2022-2023 international	A	GOOD	Motivated to publish more paper publications
41	Papers Presented in 2022-2023(International/National State	A	GOOD	The faculty members were motivated to present more paper presentations in various conference
42	Books Published in 2022-2023(Single Author/ Co Author	A	GOOD	Motivated to increase the number of books publications
43	Seminar/workshop-Training Program Conducted in 2022-2023(international/National/State	A	GOOD	Adequate number of Seminar/workshop/Training program were conducted in 2022-2023
44	Record of Consultancy in 2022-2023	A	GOOD	Motivated to more number of consultancy projects
45	Including incubation center and other initiatives for transfer of knowledge	A	GOOD	The institution has been practicing an ecosystem for other initiatives for transfer of knowledge
46	Intellectual Property Rights (IPR)< Industry- Academia Innovative practices	A	GOOD	Planning more IPR workshops / seminars in the coming academic years
47	Record of MoUs in 2022-2023	A	GOOD	The institution had adequate number of MoUs with industries
48	Record of Subject/Department Related Extension Activities	A	GOOD	Subject /Department related extension activates were conducted and record
	Number of extension programmes conducted in the			The institution conducted adequate number of extension programs in

49	Neighborhood community to sensitize the students	A	GOOD	the neighborhood community to sensitize the students
50	Number of extension programmes conducted in collaboration with Community/NGOs through NNSS/NCC Red Cross? YCR etc...	A	GOOD	Health awareness programmes, Swatcha Bharath and Haritha Haram were conducted in community with colobration of NSS
51	Details of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as swachh Bharat, ODF, Aids Awareness, Gender Issue. Etc....	A	GOOD	It was verified that students had actively participated in Extension activities
52	Number of awards and recognition received for extension activities from Government/ recognized bodies	A	GOOD	

#### IV-INFRASTRUCTURE AND LEARNING RESOURCES

53	Number of class rooms, Labs and computing equipment	A	GOOD	
54	Facilities for sports, games (indoor, outdoor, gymnasium, yoga center etc...)and cultural	A	GOOD	
55	Classrooms and seminar halls with ICT- enabled facilities such as smart class, Virtual Classroom,LMS,et	A	GOOD	
56	Budget allocated for infrastructure augmentation	A	GOOD	
57	Library is automated using Integrated Library Management System	A	GOOD	
58	Collection of rare books, manuscripts, Special reports of any other knowledge resource for library enrichment	A	GOOD	
59	Does college has e-Journals, e-books, e-Shodh Sindhu, Shodhganga membership and Databases	A	GOOD	
60	Expenditure for purchase of books and journals in 201-2021	A	GOOD	
61	Percentage per day usage of library by teachers and students	A	GOOD	
62	Student-Computer ratio	A	GOOD	
63	Wi-Fi in the campus	A	GOOD	The college campus is having Wifi with 100Mbps
64	Updation of IT facilities	A	GOOD	The Updation of IT facilities of the College was appreciable
65	Expenditure incurred on maintenance facilities and Academic support facilities excluding salary component	A	GOOD	

66	Physical, academic and support facilities laboratory, Library, sports complex, and computers ect...	A	GOOD	Well defined procedures and system implemented for maintaining and utilizing physical, academic and support facilities
64	Updation of IT facilities	A	GOOD	The Updation of IT facilities of the College was appreciable
65	Expenditure incurred on maintenance facilities and Academic support facilities excluding salary component	A	GOOD	
66	Physical, academic and support facilities laboratory, Library, sports complex, and computers ect...	A	GOOD	Well defined procedures and system implemented for maintain and utilizing physical, academic and support facilities

#### V-STUDENT SUPPORT AND PROGRESSION

67	Average percentage of student benefited by scholar Ships Government in 2022-2023	A	GOOD	
68	Average percentage of students benefited by scholar Ships by the Institution in 2022-2023	A	GOOD	
69	Average percentage of students benefited by scholar Ships by the Institution in 2022-2023	A	GOOD	
70	Average percentage of placement of outgoing students in 2022-2023	A	GOOD	The placement of the college were highly appreciable
71	Student grievances Reddresal mechanism	A	GOOD	
72	Number of capability enhancement and development Schemes conducted (like Career guidance, Remedial Coaching ect..)	A	GOOD	
73	Percentage of students progression to higher education	A	GOOD	
74	Average percentage of students qualifying in state/ Nation/ international examinations(like NET, SLET, GATE, Civil services, state government ect...)	A	GOOD	
75	Number of awards / medical for outstanding performance in sports/cultural activities	A	GOOD	
76	Presence of active Student Council & representation OF students on academic & administrative bodies/ Committees of the institution	A	GOOD	
77	Records of significant achievements in sports & games	A	GOOD	
78	In the Institution in 2022-2023	A	GOOD	

79	Alumni contribution in 2022-2023(In RS)	A	GOOD	
80	Number of Alumni Association/Chapters meeting held in 2022-2023	A	GOOD	
81	Maintenance of JKC facilities & records	A	GOOD	
82	Record of student trained and placed in JKC	A	GOOD	
83	Record of Anti Ragging cell	A	GOOD	
84	Maintenance of drinking water	A	GOOD	
85	Maintenance of sanitation	A	GOOD	

VI-GOVERNANCE AND LEADERSHIP

86	Function of Committees in Administration (Minutes of Meeting)	A	GOOD	It was observed that all the statutory and non- statutory committees were function effectively and it was evident through Minutes of Meetings
87	Awards / Achievements	A	GOOD	However, Faculty participation in various events was Appreciable their outstanding achievements need to be improve
88	Use of ICT in Governance	A	GOOD	ICT tools were effectively for E- Governance
89	Perspective/ Strategic plan and deployment documents	A	GOOD	It was observed that strategic plans were formulated By the governing body members and Department Academic committee members after deliberate discussions
90	Organizational structure of the Institution	A	GOOD	Well defined organization structure formulated in The institution ensured its effective functioning.
91	Implementation of e-governance in planning and Development Administration , Finance and accounts Student Admissions and Support, Examination	A	GOOD	E- Governance was implemented in all the segments of the institution
92	Percentage of teachers provided with financial support to attend conferences / workshops and to towards membership fee of professional bodied in 2022-2023	A	GOOD	
93	Number of professional development / administrative Training program organized by the Institution for teaching and non teaching staff in 2022-2023	A	GOOD	
94	Oriented Program, Refresher, Course, Shot Team Course attended by the faculty	A	GOOD	
95	Funds/ Grants received from non-government bodies		GOOD	

	Individuals, Philanthropers in 2022-2023	A		
96	Average number of quality initiatives by IQAC for Promoting quality culture per year	A	GOOD	
97	Participation in NIRF - 2022	A	GOOD	
98	IQAC activities & maintenance of records, (Action Plan/Minutes of Meeting/Proof of submission of Submission of AQAR to NAAC/Activity register etc)	A	GOOD	Involvement of IQAC in conducting activities and the maintenance of records was appreciable

VII-INSTITUTIONAL VALUES AND BEST PRACTICES

99	Percentage of power requirement of the Institution met by the renewable energy sources	A	GOOD	It is observed that 80% of the power requirement is obtained by renewable energy sources
100	Waste Management steps taken	A	GOOD	Different types of waste, such as , solid waste, liquid waste and E-Waste were treated properly
101	Rain water harvesting and utilization in the campus	A	GOOD	It was observed that the management has been taking appropriate measures to save rain water
102	Facilities Different abled (Divyangian) (ramp, scribe for examination etc...)			
103	Green Practices (plastic free campus, green landscaping etc...)	A	GOOD	Green practices were done followed to make the Environment Eco-Friendly
104	Record of best/innovative practices by the institution	A	GOOD	Campus recruitment Training (CRT) and Counseling System were observed as the best practices of the Institution.

This report is a consolidated report which is documented after verifying all the process and document followed by every department. We observed that the overall function level of the college is good in general and professional growth.

Signatures of Academic Advisors

